

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043194.D
 Acq On : 30 Sep 2024 13:32
 Operator : JC/MD
 Sample : VX0930WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 01:50:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	101972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80618	47.596	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.200%
35) Dibromofluoromethane	5.379	113	60271	48.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	8.647	98	201294	47.495	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.000%
62) 4-Bromofluorobenzene	11.079	95	76722	44.951	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18531	17.041	ug/l	93
3) Chloromethane	1.295	50	18542	16.701	ug/l	96
4) Vinyl Chloride	1.374	62	19685	17.455	ug/l	98
5) Bromomethane	1.599	94	8207	12.650	ug/l	95
6) Chloroethane	1.666	64	9380	12.991	ug/l	98
7) Trichlorofluoromethane	1.874	101	34000	16.985	ug/l	100
8) Diethyl Ether	2.136	74	13057	19.428	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	21533	19.058	ug/l	99
10) Methyl Iodide	2.447	142	25003	18.619	ug/l	99
11) Tert butyl alcohol	2.989	59	34572	91.416	ug/l	99
12) 1,1-Dichloroethene	2.313	96	19810	18.330	ug/l	92
13) Acrolein	2.239	56	3635	72.956	ug/l #	83
14) Allyl chloride	2.660	41	35014	17.448	ug/l	100
15) Acrylonitrile	3.069	53	66923	102.015	ug/l	99
16) Acetone	2.386	43	67643	85.394	ug/l	98
17) Carbon Disulfide	2.502	76	37660	14.019	ug/l	98
18) Methyl Acetate	2.703	43	50934	23.890	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	84139	20.432	ug/l	98
20) Methylene Chloride	2.788	84	23235	18.437	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	19638	17.561	ug/l	96
22) Diisopropyl ether	3.764	45	77525	20.632	ug/l	98
23) Vinyl Acetate	3.721	43	434301	98.253	ug/l	99
24) 1,1-Dichloroethane	3.605	63	42769	19.686	ug/l	97
25) 2-Butanone	4.562	43	98240	96.209	ug/l	99
26) 2,2-Dichloropropane	4.465	77	40532	18.433	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	26957	19.364	ug/l	99
28) Bromochloromethane	4.891	49	20943	21.899	ug/l	100
29) Tetrahydrofuran	5.007	42	60868	99.119	ug/l	100
30) Chloroform	5.087	83	46788	19.532	ug/l	99
31) Cyclohexane	5.464	56	30272	18.173	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	41735	18.393	ug/l	98
36) 1,1-Dichloropropene	5.684	75	27422	17.815	ug/l	99
37) Ethyl Acetate	4.715	43	38422	19.872	ug/l	99
38) Carbon Tetrachloride	5.672	117	34712	17.506	ug/l	97
39) Methylcyclohexane	7.373	83	34196	17.702	ug/l	97
40) Benzene	6.031	78	88259	19.432	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043194.D
 Acq On : 30 Sep 2024 13:32
 Operator : JC/MD
 Sample : VX0930WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/01/2024
 Supervised By :Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 01:50:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	20506	21.334	ug/l	98
42) 1,2-Dichloroethane	6.080	62	38635	20.033	ug/l	100
43) Isopropyl Acetate	6.342	43	63877	19.780	ug/l	99
44) Trichloroethene	7.123	130	22353	17.987	ug/l	98
45) 1,2-Dichloropropane	7.428	63	22748	20.107	ug/l	100
46) Dibromomethane	7.580	93	18504	19.424	ug/l	98
47) Bromodichloromethane	7.818	83	37265	18.812	ug/l	98
48) Methyl methacrylate	7.696	41	30619	19.303	ug/l	99
49) 1,4-Dioxane	7.665	88	10179	339.933	ug/l #	81
51) 4-Methyl-2-Pentanone	8.574	43	199601	100.609	ug/l	100
52) Toluene	8.714	92	57077	19.513	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	36964	18.177	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	38855	19.133	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	24789	20.583	ug/l	99
56) Ethyl methacrylate	9.116	69	40414	19.284	ug/l	98
57) 1,3-Dichloropropane	9.305	76	41173	20.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	76201	89.925	ug/l	99
59) 2-Hexanone	9.433	43	151832	97.875	ug/l	100
60) Dibromochloromethane	9.519	129	28861	18.350	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25651	19.465	ug/l	97
64) Tetrachloroethene	9.269	164	20077	18.357	ug/l	96
65) Chlorobenzene	10.080	112	64905	19.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	24214	20.160	ug/l	99
67) Ethyl Benzene	10.195	91	110469	19.612	ug/l	98
68) m/p-Xylenes	10.299	106	82802	39.500	ug/l	99
69) o-Xylene	10.640	106	42347	20.141	ug/l	98
70) Styrene	10.653	104	69143	19.715	ug/l	98
71) Bromoform	10.799	173	18906	17.897	ug/l #	99
73) Isopropylbenzene	10.964	105	110980	21.080	ug/l	99
74) N-amyl acetate	10.842	43	52754	21.326	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37775	22.298	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	32259m	21.614	ug/l	
77) Bromobenzene	11.195	156	25962	20.542	ug/l	97
78) n-propylbenzene	11.305	91	121320	20.311	ug/l	100
79) 2-Chlorotoluene	11.366	91	76342	20.377	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	91479	21.001	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11793	18.826	ug/l	96
82) 4-Chlorotoluene	11.451	91	88509	20.669	ug/l	100
83) tert-Butylbenzene	11.713	119	95363	21.246	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	90779	20.948	ug/l	100
85) sec-Butylbenzene	11.890	105	112403	20.376	ug/l	99
86) p-Isopropyltoluene	12.006	119	92893	20.283	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47607	20.658	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	47692	20.638	ug/l	99
89) n-Butylbenzene	12.329	91	77128	19.323	ug/l	99
90) Hexachloroethane	12.536	117	17845	19.551	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	48495	21.368	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9271	20.241	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	27751	19.723	ug/l	99
94) Hexachlorobutadiene	13.725	225	11459	19.384	ug/l	100
95) Naphthalene	13.774	128	103383	21.139	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29204	20.891	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
Data File : VX043194.D
Acq On : 30 Sep 2024 13:32
Operator : JC/MD
Sample : VX0930WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0930WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 01:50:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

