

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024093.D
 Acq On : 03 Sep 2021 11:22
 Operator : JC/MD
 Sample : VX0903WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:37:57 PM

Quant Time: Sep 03 13:44:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	172272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	267868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121309	50.454	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.900%
35) Dibromofluoromethane	5.391	113	92654	52.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.520%
50) Toluene-d8	8.653	98	329340	48.806	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.085	95	131067	52.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	30386	16.718	ug/l	96
3) Chloromethane	1.294	50	30015	15.043	ug/l	98
4) Vinyl Chloride	1.374	62	30778	15.816	ug/l	97
5) Bromomethane	1.599	94	22267	18.200	ug/l	99
6) Chloroethane	1.685	64	20609	14.739	ug/l	99
7) Trichlorofluoromethane	1.886	101	55716	18.131	ug/l	95
8) Diethyl Ether	2.136	74	18548	17.283	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	33349	19.286	ug/l	98
10) Methyl Iodide	2.453	142	37694	15.655	ug/l	92
11) Tert butyl alcohol	2.971	59	38477	79.132	ug/l	96
12) 1,1-Dichloroethene	2.325	96	29368	17.763	ug/l	96
13) Acrolein	2.239	56	31972	110.494	ug/l	99
14) Allyl chloride	2.666	41	51196	16.803	ug/l	86
15) Acrylonitrile	3.068	53	87247	80.531	ug/l	96
16) Acetone	2.386	43	102161	95.028	ug/l	90
17) Carbon Disulfide	2.514	76	64710	16.411	ug/l	100
18) Methyl Acetate	2.709	43	43911	16.362	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	106878	18.574	ug/l	98
20) Methylene Chloride	2.794	84	35235	17.158	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	32065	18.157	ug/l	97
22) Diisopropyl ether	3.770	45	108583	17.893	ug/l	98
23) Vinyl Acetate	3.727	43	436828	88.985	ug/l	94
24) 1,1-Dichloroethane	3.617	63	60909	18.035	ug/l	99
25) 2-Butanone	4.562	43	137739	84.589	ug/l	91
26) 2,2-Dichloropropane	4.477	77	55709	20.098	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	38239	18.198	ug/l	96
28) Bromochloromethane	4.904	49	28826	18.772	ug/l	96
29) Tetrahydrofuran	5.013	42	82864	78.565	ug/l	90
30) Chloroform	5.099	83	67408	18.850	ug/l	95
31) Cyclohexane	5.470	56	53238	17.235	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	59494	19.429	ug/l	97
36) 1,1-Dichloropropene	5.696	75	46363	18.690	ug/l	100
37) Ethyl Acetate	4.727	43	50554	16.579	ug/l #	95
38) Carbon Tetrachloride	5.678	117	51996	20.101	ug/l	98
39) Methylcyclohexane	7.385	83	57241	18.951	ug/l	97
40) Benzene	6.044	78	134877	18.388	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024093.D
 Acq On : 03 Sep 2021 11:22
 Operator : JC/MD
 Sample : VX0903WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:37:57 PM

Quant Time: Sep 03 13:44:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28472	17.224	ug/l	90
42) 1,2-Dichloroethane	6.092	62	57093	19.804	ug/l	95
43) Isopropyl Acetate	6.348	43	84224	17.658	ug/l	93
44) Trichloroethene	7.129	130	37807	18.658	ug/l	94
45) 1,2-Dichloropropane	7.434	63	34487	17.706	ug/l	95
46) Dibromomethane	7.580	93	26012	19.190	ug/l	97
47) Bromodichloromethane	7.824	83	46862	19.111	ug/l	99
48) Methyl methacrylate	7.696	41	40763	17.519	ug/l	85
49) 1,4-Dioxane	7.665	88	16196	329.354	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	273310	88.646	ug/l	89
52) Toluene	8.720	92	87578	18.425	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	52705	18.066	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	56134	18.892	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	36701	18.755	ug/l	98
56) Ethyl methacrylate	9.116	69	54252	16.738	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	60496	18.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	133317	84.606	ug/l	99
59) 2-Hexanone	9.433	43	213734	90.185	ug/l	87
60) Dibromochloromethane	9.525	129	36966	18.215	ug/l	100
61) 1,2-Dibromoethane	9.610	107	38124	18.442	ug/l	100
64) Tetrachloroethene	9.275	164	39107	19.565	ug/l	97
65) Chlorobenzene	10.079	112	98493	18.861	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	36940	19.875	ug/l	100
67) Ethyl Benzene	10.195	91	175921	19.291	ug/l	98
68) m/p-Xylenes	10.305	106	134004	38.580	ug/l	97
69) o-Xylene	10.646	106	66105	19.367	ug/l	100
70) Styrene	10.659	104	108849	19.574	ug/l	96
71) Bromoform	10.799	173	26796	18.988	ug/l #	97
73) Isopropylbenzene	10.963	105	176143	18.286	ug/l	99
74) N-amyl acetate	10.848	43	75138	17.260	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	56498	17.897	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	52896m	17.955	ug/l	
77) Bromobenzene	11.201	156	44696	18.839	ug/l	96
78) n-propylbenzene	11.305	91	205664	18.667	ug/l	100
79) 2-Chlorotoluene	11.366	91	124839	18.747	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	152109	19.215	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16627	16.602	ug/l #	86
82) 4-Chlorotoluene	11.457	91	143323	18.961	ug/l	100
83) tert-Butylbenzene	11.719	119	147072	19.129	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	149969	19.000	ug/l	98
85) sec-Butylbenzene	11.890	105	185091	19.015	ug/l	98
86) p-Isopropyltoluene	12.012	119	156153	19.492	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	82330	19.180	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	81728	19.090	ug/l	97
89) n-Butylbenzene	12.335	91	139223	19.464	ug/l	96
90) Hexachloroethane	12.542	117	24585	18.555	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	80610	19.384	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11311	16.782	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	47744	19.076	ug/l	99
94) Hexachlorobutadiene	13.725	225	24393	21.867	ug/l	99
95) Naphthalene	13.780	128	149556	17.057	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48878	19.609	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
Data File : VX024093.D
Acq On : 03 Sep 2021 11:22
Operator : JC/MD
Sample : VX0903WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0903WBS01

Manual Integrations
APPROVED

MMDadoda
9/7/2021 4:37:57 PM

Quant Time: Sep 03 13:44:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

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

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

