

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103124\
 Data File : VX043641.D
 Acq On : 31 Oct 2024 11:13
 Operator : JC/MD
 Sample : VX1031WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

Quant Time: Nov 01 02:59:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	182029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	311670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	129133	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	118383	40.787	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.580%
35) Dibromofluoromethane	5.385	113	101595	48.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.647	98	364387	49.808	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.079	95	132052	48.711	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.420%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	31971	16.423	ug/l	95
3) Chloromethane	1.294	50	37882	15.223	ug/l	100
4) Vinyl Chloride	1.374	62	39763	17.217	ug/l	97
5) Bromomethane	1.593	94	16585	17.615	ug/l	99
6) Chloroethane	1.660	64	15312	18.819	ug/l	93
7) Trichlorofluoromethane	1.868	101	56883	20.161	ug/l	98
8) Diethyl Ether	2.136	74	23978	18.394	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	38574	20.216	ug/l	98
10) Methyl Iodide	2.441	142	51550	18.700	ug/l	96
11) Tert butyl alcohol	3.001	59	51438m	94.948	ug/l	
12) 1,1-Dichloroethene	2.306	96	37706	19.338	ug/l	96
13) Acrolein	2.239	56	32571	76.879	ug/l	99
14) Allyl chloride	2.654	41	58833	17.445	ug/l	96
15) Acrylonitrile	3.069	53	110714	90.516	ug/l	100
16) Acetone	2.386	43	99280	86.136	ug/l	96
17) Carbon Disulfide	2.502	76	64850	15.905	ug/l	98
18) Methyl Acetate	2.709	43	59409	17.636	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	133551	18.010	ug/l	97
20) Methylene Chloride	2.782	84	43596	17.550	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	37943	18.419	ug/l	94
22) Diisopropyl ether	3.764	45	128260	18.399	ug/l	94
23) Vinyl Acetate	3.721	43	516584	89.699	ug/l	99
24) 1,1-Dichloroethane	3.605	63	73334	18.303	ug/l	98
25) 2-Butanone	4.568	43	150228	89.352	ug/l	95
26) 2,2-Dichloropropane	4.471	77	58625	17.875	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	49032	18.633	ug/l	96
28) Bromochloromethane	4.891	49	31846	16.708	ug/l	94
29) Tetrahydrofuran	5.007	42	96955	88.736	ug/l	96
30) Chloroform	5.086	83	77066	18.349	ug/l	97
31) Cyclohexane	5.458	56	58860	19.207	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	66439	18.842	ug/l	98
36) 1,1-Dichloropropene	5.690	75	48822	19.482	ug/l	97
37) Ethyl Acetate	4.715	43	55249	18.160	ug/l	97
38) Carbon Tetrachloride	5.672	117	54834	19.803	ug/l	97
39) Methylcyclohexane	7.373	83	63735	20.485	ug/l	96
40) Benzene	6.037	78	162324	19.416	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	32166	20.142	ug/l	97
42) 1,2-Dichloroethane	6.086	62	55324	18.407	ug/l	97
43) Isopropyl Acetate	6.342	43	93423	18.568	ug/l	98
44) Trichloroethene	7.123	130	41686	20.071	ug/l	97
45) 1,2-Dichloropropane	7.427	63	38440	18.674	ug/l	97
46) Dibromomethane	7.580	93	30039	18.952	ug/l	95
47) Bromodichloromethane	7.818	83	52774	18.980	ug/l	96
48) Methyl methacrylate	7.696	41	43401	18.194	ug/l	95
49) 1,4-Dioxane	7.665	88	18762	382.822	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	296357	96.639	ug/l	98
52) Toluene	8.714	92	105440	20.796	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	55431	18.561	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	62679	19.698	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	42228	20.009	ug/l	98
56) Ethyl methacrylate	9.116	69	66333	19.343	ug/l	93
57) 1,3-Dichloropropane	9.305	76	69442	19.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	166082	99.999	ug/l	97
59) 2-Hexanone	9.433	43	224890	96.556	ug/l	97
60) Dibromochloromethane	9.519	129	40782	19.515	ug/l	96
61) 1,2-Dibromoethane	9.610	107	43385	19.803	ug/l	98
64) Tetrachloroethene	9.269	164	36007	21.296	ug/l	95
65) Chlorobenzene	10.079	112	115262	19.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	37630	19.919	ug/l	96
67) Ethyl Benzene	10.195	91	191534	20.309	ug/l	100
68) m/p-Xylenes	10.299	106	148770	41.250	ug/l	97
69) o-Xylene	10.640	106	73154	20.188	ug/l	99
70) Styrene	10.653	104	124006	20.589	ug/l	99
71) Bromoform	10.799	173	25521	18.789	ug/l #	96
73) Isopropylbenzene	10.963	105	187935	20.545	ug/l	99
74) N-amyl acetate	10.842	43	83217	18.675	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	65355	19.869	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	53034m	19.208	ug/l	
77) Bromobenzene	11.195	156	48002	20.323	ug/l	95
78) n-propylbenzene	11.305	91	204791	20.533	ug/l	99
79) 2-Chlorotoluene	11.366	91	131990	19.958	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	159266	20.882	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	17586	17.522	ug/l	98
82) 4-Chlorotoluene	11.451	91	147395	19.856	ug/l	96
83) tert-Butylbenzene	11.713	119	160223	20.656	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	160037	20.590	ug/l	97
85) sec-Butylbenzene	11.890	105	195210	21.471	ug/l	98
86) p-Isopropyltoluene	12.006	119	163177	21.114	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	86126	20.344	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	88487	20.172	ug/l	100
89) n-Butylbenzene	12.329	91	132451	21.033	ug/l	98
90) Hexachloroethane	12.536	117	24298	19.356	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	88815	20.516	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11482	17.123	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	53081	20.201	ug/l	97
94) Hexachlorobutadiene	13.725	225	19977	20.620	ug/l	100
95) Naphthalene	13.774	128	198000	19.691	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	55222	19.932	ug/l	100

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

