

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043614.D
 Acq On : 30 Oct 2024 11:19
 Operator : JC/MD
 Sample : VX1030WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/01/2024
 Supervised By :Mahesh Dadoda 11/01/2024

Quant Time: Oct 31 09:41:43 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	5.550	168	157679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	281415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119220	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	112626	44.795	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.600%
35) Dibromofluoromethane	5.379	113	92995	48.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	8.647	98	335191	50.743	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.079	95	123926	50.628	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.260%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	27940	16.569	ug/l	98
3) Chloromethane	1.294	50	36065	16.731	ug/l	95
4) Vinyl Chloride	1.374	62	35228	17.609	ug/l	100
5) Bromomethane	1.593	94	14277	17.506	ug/l	93
6) Chloroethane	1.660	64	12181	17.283	ug/l	99
7) Trichlorofluoromethane	1.861	101	45559	18.641	ug/l	97
8) Diethyl Ether	2.136	74	21084	18.672	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	30100	18.211	ug/l	97
10) Methyl Iodide	2.441	142	44646	18.696	ug/l	96
11) Tert butyl alcohol	3.026	59	44708	95.269	ug/l #	100
12) 1,1-Dichloroethene	2.300	96	31601	18.710	ug/l	83
13) Acrolein	2.239	56	29320	79.893	ug/l	100
14) Allyl chloride	2.654	41	51142	17.506	ug/l	95
15) Acrylonitrile	3.068	53	101370	95.675	ug/l	99
16) Acetone	2.392	43	92756	92.904	ug/l	97
17) Carbon Disulfide	2.495	76	55868	15.818	ug/l	98
18) Methyl Acetate	2.709	43	51638	17.696	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	118846	18.502	ug/l	95
20) Methylene Chloride	2.782	84	39266	18.248	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	33222	18.618	ug/l	92
22) Diisopropyl ether	3.763	45	114469	18.957	ug/l	96
23) Vinyl Acetate	3.721	43	466636	93.538	ug/l	99
24) 1,1-Dichloroethane	3.605	63	63898	18.411	ug/l	96
25) 2-Butanone	4.568	43	138202	94.893	ug/l	99
26) 2,2-Dichloropropane	4.465	77	50669	17.835	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	42897	18.819	ug/l	99
28) Bromochloromethane	4.897	49	29364	17.785	ug/l	93
29) Tetrahydrofuran	5.013	42	87263	92.199	ug/l	97
30) Chloroform	5.086	83	67605	18.582	ug/l	98
31) Cyclohexane	5.464	56	46997	17.704	ug/l	92
32) 1,1,1-Trichloroethane	5.367	97	56389	18.461	ug/l	98
36) 1,1-Dichloropropene	5.684	75	41049	18.141	ug/l	97
37) Ethyl Acetate	4.721	43	51358	18.695	ug/l	97
38) Carbon Tetrachloride	5.666	117	45626	18.249	ug/l	97
39) Methylcyclohexane	7.379	83	52713	18.764	ug/l	97
40) Benzene	6.031	78	143938	19.068	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	27315	18.943	ug/l	95
42) 1,2-Dichloroethane	6.086	62	50592	18.643	ug/l	97
43) Isopropyl Acetate	6.342	43	82905	18.249	ug/l	97
44) Trichloroethene	7.123	130	36404	19.412	ug/l	93
45) 1,2-Dichloropropane	7.427	63	34715	18.677	ug/l	99
46) Dibromomethane	7.580	93	27137	18.962	ug/l	96
47) Bromodichloromethane	7.824	83	47087	18.755	ug/l	98
48) Methyl methacrylate	7.696	41	40559	18.830	ug/l	95
49) 1,4-Dioxane	7.671	88	20054	453.175	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	274856	99.263	ug/l	99
52) Toluene	8.720	92	89001	19.441	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	49630	18.405	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	56632	19.711	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	38640	20.277	ug/l	96
56) Ethyl methacrylate	9.122	69	60528	19.548	ug/l	96
57) 1,3-Dichloropropane	9.305	76	65075	20.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	146639	97.785	ug/l	98
59) 2-Hexanone	9.433	43	208999	99.380	ug/l	97
60) Dibromochloromethane	9.519	129	35994	19.075	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39491	19.964	ug/l	96
64) Tetrachloroethene	9.269	164	29428	18.806	ug/l	98
65) Chlorobenzene	10.079	112	102589	19.166	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	34926	19.976	ug/l	99
67) Ethyl Benzene	10.195	91	166637	19.092	ug/l	100
68) m/p-Xylenes	10.299	106	131049	39.261	ug/l	96
69) o-Xylene	10.640	106	67783	20.211	ug/l	96
70) Styrene	10.652	104	112284	20.144	ug/l	99
71) Bromoform	10.799	173	22865	18.188	ug/l #	94
73) Isopropylbenzene	10.963	105	165820	19.635	ug/l	99
74) N-amyl acetate	10.841	43	76994	18.715	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	61842	20.364	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	54909m	21.541	ug/l	
77) Bromobenzene	11.195	156	42531	19.504	ug/l	97
78) n-propylbenzene	11.305	91	178082	19.340	ug/l	99
79) 2-Chlorotoluene	11.366	91	117122	19.182	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	139294	19.782	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16748	18.075	ug/l	96
82) 4-Chlorotoluene	11.451	91	133176	19.433	ug/l	97
83) tert-Butylbenzene	11.713	119	140860	19.670	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	142104	19.803	ug/l	98
85) sec-Butylbenzene	11.890	105	167724	19.982	ug/l	99
86) p-Isopropyltoluene	12.006	119	142092	19.915	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	76690	19.621	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	77335	19.095	ug/l	100
89) n-Butylbenzene	12.329	91	114292	19.658	ug/l	99
90) Hexachloroethane	12.536	117	21029	18.145	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	80678	20.186	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11165	18.035	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	47408	19.542	ug/l	99
94) Hexachlorobutadiene	13.725	225	16973	18.976	ug/l	96
95) Naphthalene	13.774	128	182510	19.660	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	49655	19.413	ug/l	99

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

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