

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044399.D
 Acq On : 18 Dec 2024 23:22
 Operator : JC/MD
 Sample : VX1218WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS02

Quant Time: Dec 19 00:56:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	128991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233001	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114115	50.457	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.920%			
35) Dibromofluoromethane	5.385	113	85034	52.694	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.380%			
50) Toluene-d8	8.647	98	277165	50.909	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	92307	48.522	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37942	19.023	ug/l	93
3) Chloromethane	1.300	50	40751	21.366	ug/l	100
4) Vinyl Chloride	1.374	62	40892	20.579	ug/l	97
5) Bromomethane	1.593	94	28914	20.511	ug/l	95
6) Chloroethane	1.666	64	30101	24.328	ug/l	97
7) Trichlorofluoromethane	1.874	101	61744	15.872	ug/l	98
8) Diethyl Ether	2.136	74	26105	19.660	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	28167	17.894	ug/l	97
10) Methyl Iodide	2.447	142	43853	21.138	ug/l	98
11) Tert butyl alcohol	2.989	59	33835	106.151	ug/l	97
12) 1,1-Dichloroethene	2.306	96	29065	20.103	ug/l	97
13) Acrolein	2.239	56	48772	105.705	ug/l	98
14) Allyl chloride	2.654	41	48506	20.142	ug/l	97
15) Acrylonitrile	3.068	53	96056	108.791	ug/l	99
16) Acetone	2.386	43	86799	94.139	ug/l	96
17) Carbon Disulfide	2.501	76	51728	18.822	ug/l	98
18) Methyl Acetate	2.709	43	50558	21.267	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	114860	20.358	ug/l	97
20) Methylene Chloride	2.782	84	36674	21.177	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	30353	19.753	ug/l	90
22) Diisopropyl ether	3.763	45	112563	20.757	ug/l	89
23) Vinyl Acetate	3.721	43	475270	107.800	ug/l	98
24) 1,1-Dichloroethane	3.605	63	64774	21.428	ug/l	100
25) 2-Butanone	4.568	43	134799	102.837	ug/l	95
26) 2,2-Dichloropropane	4.465	77	38575	15.708	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	39781	20.385	ug/l	93
28) Bromochloromethane	4.897	49	30856	20.816	ug/l	100
29) Tetrahydrofuran	5.007	42	87910	104.485	ug/l	98
30) Chloroform	5.092	83	68906	20.289	ug/l	94
31) Cyclohexane	5.464	56	43349	17.759	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	55108	19.547	ug/l	99
36) 1,1-Dichloropropene	5.690	75	38087	18.259	ug/l	99
37) Ethyl Acetate	4.721	43	51828	20.100	ug/l	97
38) Carbon Tetrachloride	5.672	117	41400	18.435	ug/l	93
39) Methylcyclohexane	7.379	83	44052	17.665	ug/l	97
40) Benzene	6.037	78	131536	20.769	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	29615	21.629	ug/l	99
42) 1,2-Dichloroethane	6.080	62	53845	20.639	ug/l	97
43) Isopropyl Acetate	6.348	43	84024	20.849	ug/l	97
44) Trichloroethene	7.123	130	31494	19.941	ug/l	99
45) 1,2-Dichloropropane	7.427	63	33512	20.711	ug/l	96
46) Dibromomethane	7.580	93	26590	21.182	ug/l	95
47) Bromodichloromethane	7.824	83	44915	20.717	ug/l	98
48) Methyl methacrylate	7.696	41	39226	20.050	ug/l	96
49) 1,4-Dioxane	7.665	88	10895	335.893	ug/l #	68
51) 4-Methyl-2-Pentanone	8.574	43	276459	106.686	ug/l	100
52) Toluene	8.720	92	79570	20.006	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	41702	19.130	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	45604	19.319	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	34197	21.643	ug/l	98
56) Ethyl methacrylate	9.116	69	50855	20.388	ug/l	98
57) 1,3-Dichloropropane	9.305	76	57729	20.991	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	124927	99.300	ug/l	100
59) 2-Hexanone	9.433	43	197809	105.460	ug/l	99
60) Dibromochloromethane	9.518	129	30374	19.439	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34910	21.706	ug/l	97
64) Tetrachloroethene	9.269	164	25159	18.940	ug/l	99
65) Chlorobenzene	10.079	112	81973	19.115	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	28201	20.461	ug/l	99
67) Ethyl Benzene	10.195	91	139144	18.778	ug/l	98
68) m/p-Xylenes	10.299	106	103433	38.041	ug/l	97
69) o-Xylene	10.640	106	52635	19.133	ug/l	97
70) Styrene	10.652	104	87058	19.740	ug/l	95
71) Bromoform	10.799	173	17299	19.959	ug/l #	100
73) Isopropylbenzene	10.963	105	132502	19.949	ug/l	100
74) N-amyl acetate	10.841	43	64183	20.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	50710	21.981	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	41540m	21.443	ug/l	
77) Bromobenzene	11.195	156	32621	20.253	ug/l	99
78) n-propylbenzene	11.305	91	144182	19.640	ug/l	100
79) 2-Chlorotoluene	11.360	91	93621	19.719	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	107680	19.549	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10659	19.586	ug/l	90
82) 4-Chlorotoluene	11.451	91	102797	19.553	ug/l	100
83) tert-Butylbenzene	11.713	119	105765	19.429	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	108536	20.064	ug/l	100
85) sec-Butylbenzene	11.890	105	126820	19.191	ug/l	99
86) p-Isopropyltoluene	12.006	119	107246	19.498	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	55710	19.801	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	56626	19.579	ug/l	98
89) n-Butylbenzene	12.329	91	85786	18.548	ug/l	99
90) Hexachloroethane	12.536	117	14339	17.859	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	58637	20.072	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8448	18.864	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	29891	18.663	ug/l	96
94) Hexachlorobutadiene	13.725	225	12669	19.666	ug/l	97
95) Naphthalene	13.774	128	122767	19.638	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	33666	19.819	ug/l	99

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

