

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042965.D
 Acq On : 09 Aug 2024 02:34
 Operator : JC/MD
 Sample : VX0808WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

Quant Time: Aug 09 05:48:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/09/2024
 Supervised By : Mahesh Dadoda 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	216431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	372967	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170559	57.405	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.800%			
35) Dibromofluoromethane	5.385	113	130836	53.651	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.300%			
50) Toluene-d8	8.647	98	472468	54.575	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.140%			
62) 4-Bromofluorobenzene	11.079	95	166330	53.466	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47425	20.329	ug/l	98
3) Chloromethane	1.301	50	50790	19.982	ug/l	96
4) Vinyl Chloride	1.374	62	49510	20.529	ug/l	98
5) Bromomethane	1.599	94	30247	20.723	ug/l	97
6) Chloroethane	1.666	64	26993	19.647	ug/l	97
7) Trichlorofluoromethane	1.868	101	72128	19.231	ug/l	94
8) Diethyl Ether	2.136	74	28903	20.951	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	48177	20.431	ug/l	97
10) Methyl Iodide	2.447	142	53095	21.775	ug/l	92
11) Tert butyl alcohol	2.995	59	61597	104.228	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	48019	20.129	ug/l	89
13) Acrolein	2.239	56	64324	110.422	ug/l	98
14) Allyl chloride	2.660	41	77426	21.480	ug/l	94
15) Acrylonitrile	3.075	53	150976	100.091	ug/l	98
16) Acetone	2.392	43	127058	98.593	ug/l #	89
17) Carbon Disulfide	2.502	76	106569	18.358	ug/l	99
18) Methyl Acetate	2.709	43	83969	20.547	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	162467	20.234	ug/l	97
20) Methylene Chloride	2.788	84	56178	20.395	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	48664	20.276	ug/l	96
22) Diisopropyl ether	3.770	45	171164	21.615	ug/l	95
23) Vinyl Acetate	3.721	43	957059	106.491	ug/l	100
24) 1,1-Dichloroethane	3.611	63	95262	20.917	ug/l	99
25) 2-Butanone	4.574	43	205223	101.403	ug/l	98
26) 2,2-Dichloropropane	4.471	77	49005	17.503	ug/l	91
27) cis-1,2-Dichloroethene	4.483	96	59509	20.908	ug/l	88
28) Bromochloromethane	4.904	49	33137	18.963	ug/l	86
29) Tetrahydrofuran	5.019	42	134535	98.375	ug/l	96
30) Chloroform	5.093	83	99252	20.818	ug/l	100
31) Cyclohexane	5.471	56	77383	20.815	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	85802	20.443	ug/l	98
36) 1,1-Dichloropropene	5.690	75	62561	18.922	ug/l	98
37) Ethyl Acetate	4.727	43	79033	19.105	ug/l	98
38) Carbon Tetrachloride	5.672	117	69061	18.504	ug/l	97
39) Methylcyclohexane	7.379	83	75440	19.194	ug/l	97
40) Benzene	6.038	78	205151	19.993	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42975	20.170	ug/l	95
42) 1,2-Dichloroethane	6.086	62	75014	20.098	ug/l	98
43) Isopropyl Acetate	6.342	43	120364	19.674	ug/l	98
44) Trichloroethene	7.129	130	49654	19.258	ug/l	91
45) 1,2-Dichloropropane	7.434	63	50536	19.414	ug/l	97
46) Dibromomethane	7.580	93	38533	20.155	ug/l	95
47) Bromodichloromethane	7.824	83	69774	19.647	ug/l	98
48) Methyl methacrylate	7.696	41	58292	19.871	ug/l	95
49) 1,4-Dioxane	7.671	88	26907	413.183	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	414062	101.040	ug/l	99
52) Toluene	8.720	92	124470	19.997	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	62601	19.068	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	68677	18.942	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	50667	20.024	ug/l	96
56) Ethyl methacrylate	9.116	69	78552	19.292	ug/l	96
57) 1,3-Dichloropropane	9.311	76	84455	20.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	203183	105.874	ug/l	98
59) 2-Hexanone	9.433	43	309797	97.561	ug/l	99
60) Dibromochloromethane	9.519	129	53986	19.422	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52292	19.560	ug/l	98
64) Tetrachloroethene	9.275	164	46231	20.221	ug/l	98
65) Chlorobenzene	10.080	112	136841	19.611	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	47638	19.800	ug/l	99
67) Ethyl Benzene	10.195	91	233409	19.887	ug/l	99
68) m/p-Xylenes	10.299	106	173265	38.669	ug/l	96
69) o-Xylene	10.640	106	90386	20.137	ug/l	96
70) Styrene	10.653	104	146747	20.331	ug/l	98
71) Bromoform	10.799	173	36084	18.674	ug/l #	100
73) Isopropylbenzene	10.964	105	224785	20.201	ug/l	97
74) N-amyl acetate	10.842	43	102488	20.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	80343	19.709	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63663m	18.392	ug/l	
77) Bromobenzene	11.201	156	55805	19.715	ug/l	92
78) n-propylbenzene	11.305	91	246537	19.946	ug/l	99
79) 2-Chlorotoluene	11.366	91	157094	19.829	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	189183	20.532	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18708	17.573	ug/l	98
82) 4-Chlorotoluene	11.457	91	178823	20.082	ug/l	99
83) tert-Butylbenzene	11.713	119	187793	19.833	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	187803	20.246	ug/l	97
85) sec-Butylbenzene	11.890	105	230031	20.631	ug/l	99
86) p-Isopropyltoluene	12.006	119	186636	20.147	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	99156	19.356	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	99856	19.017	ug/l	100
89) n-Butylbenzene	12.335	91	152995	19.144	ug/l	96
90) Hexachloroethane	12.536	117	32790	19.351	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	104153	20.303	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16957	18.931	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	56950	18.200	ug/l	98
94) Hexachlorobutadiene	13.725	225	24952	18.802	ug/l	99
95) Naphthalene	13.774	128	206965	19.114	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60636	19.251	ug/l	98

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

