

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042878.D
 Acq On : 06 Aug 2024 18:41
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 07 02:36:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:27:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	244835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	412487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	17770	5.287	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.580%#		
35) Dibromofluoromethane	5.385	113	13733	5.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.180%#		
50) Toluene-d8	8.653	98	49296	5.149	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.300%#		
62) 4-Bromofluorobenzene	11.079	95	16652	4.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.680%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	12037	4.561	ug/l	95
3) Chloromethane	1.301	50	14037	4.882	ug/l	96
4) Vinyl Chloride	1.374	62	13763	5.045	ug/l	99
5) Bromomethane	1.599	94	8583	5.198	ug/l	99
6) Chloroethane	1.666	64	8116	5.222	ug/l	98
7) Trichlorofluoromethane	1.868	101	22117	5.213	ug/l	86
8) Diethyl Ether	2.136	74	8135	5.213	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	12912	4.840	ug/l	93
10) Methyl Iodide	2.441	142	11538	4.183	ug/l	94
11) Tert butyl alcohol	3.002	59	15332	22.933	ug/l #	91
12) 1,1-Dichloroethene	2.307	96	13736	5.090	ug/l	83
13) Acrolein	2.239	56	16177	24.549	ug/l	98
14) Allyl chloride	2.654	41	21139	5.184	ug/l	97
15) Acrylonitrile	3.075	53	41825	24.511	ug/l	99
16) Acetone	2.398	43	34732	23.824	ug/l	95
17) Carbon Disulfide	2.502	76	29998	4.568	ug/l	95
18) Methyl Acetate	2.709	43	25080	5.425	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	45230	4.980	ug/l	98
20) Methylene Chloride	2.788	84	17180	4.821	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	13390	4.932	ug/l	96
22) Diisopropyl ether	3.770	45	44591	4.978	ug/l	88
23) Vinyl Acetate	3.727	43	244278	24.027	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26211	5.088	ug/l	99
25) 2-Butanone	4.581	43	56576	24.712	ug/l	99
26) 2,2-Dichloropropane	4.477	77	15351	4.847	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	16317	5.068	ug/l	90
28) Bromochloromethane	4.904	49	11092	5.611	ug/l	91
29) Tetrahydrofuran	5.019	42	39137	25.298	ug/l	98
30) Chloroform	5.093	83	26518	4.917	ug/l	92
31) Cyclohexane	5.458	56	19991	4.753	ug/l #	95
32) 1,1,1-Trichloroethane	5.385	97	22944	4.832	ug/l	97
36) 1,1-Dichloropropene	5.690	75	18183	4.973	ug/l	96
37) Ethyl Acetate	4.739	43	21096	4.611	ug/l	96
38) Carbon Tetrachloride	5.678	117	19163	4.642	ug/l	92
39) Methylcyclohexane	7.379	83	20473	4.710	ug/l	97
40) Benzene	6.038	78	57360	5.054	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	11625	4.933	ug/l	93
42) 1,2-Dichloroethane	6.086	62	20840	5.049	ug/l	97
43) Isopropyl Acetate	6.355	43	32678	4.830	ug/l	96
44) Trichloroethene	7.135	130	14308	5.018	ug/l	91
45) 1,2-Dichloropropane	7.434	63	14171	4.922	ug/l	97
46) Dibromomethane	7.586	93	10502	4.967	ug/l	92
47) Bromodichloromethane	7.824	83	18759	4.776	ug/l	91
48) Methyl methacrylate	7.702	41	15292	4.713	ug/l	95
49) 1,4-Dioxane	7.678	88	7125m	104.145	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	113397	25.020	ug/l	100
52) Toluene	8.720	92	34491	5.010	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	16090	4.431	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	19288	4.810	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	13987	4.998	ug/l #	83
56) Ethyl methacrylate	9.122	69	20632	4.582	ug/l	98
57) 1,3-Dichloropropane	9.311	76	23024	5.022	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	50594	23.838	ug/l	98
59) 2-Hexanone	9.433	43	85864	24.449	ug/l	100
60) Dibromochloromethane	9.525	129	14068	4.576	ug/l	99
61) 1,2-Dibromoethane	9.610	107	14521	4.911	ug/l	99
64) Tetrachloroethene	9.275	164	12177	4.821	ug/l	97
65) Chlorobenzene	10.080	112	37836	4.908	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	12659	4.763	ug/l	95
67) Ethyl Benzene	10.195	91	60589	4.673	ug/l	97
68) m/p-Xylenes	10.305	106	46292	9.352	ug/l	99
69) o-Xylene	10.640	106	23228	4.684	ug/l	94
70) Styrene	10.659	104	36515	4.579	ug/l	95
71) Bromoform	10.799	173	9126	4.946	ug/l #	97
73) Isopropylbenzene	10.964	105	59234	5.130	ug/l	100
74) N-amyl acetate	10.848	43	24889	4.791	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	22395	5.294	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	19903m	5.681	ug/l	
77) Bromobenzene	11.201	156	15463	5.265	ug/l	88
78) n-propylbenzene	11.305	91	63321	4.937	ug/l	99
79) 2-Chlorotoluene	11.366	91	42601	5.182	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	48330	5.055	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	4290	3.884	ug/l #	82
82) 4-Chlorotoluene	11.457	91	46194	4.999	ug/l	99
83) tert-Butylbenzene	11.713	119	48301	4.916	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	46653	4.847	ug/l	96
85) sec-Butylbenzene	11.890	105	57699	4.987	ug/l	99
86) p-Isopropyltoluene	12.006	119	46352	4.822	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	26290	4.946	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	27597	5.065	ug/l	97
89) n-Butylbenzene	12.335	91	37502	4.522	ug/l	93
90) Hexachloroethane	12.543	117	8073	4.591	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	27366	5.141	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4208	4.527	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	15026	4.628	ug/l	93
94) Hexachlorobutadiene	13.725	225	6793	4.933	ug/l	98
95) Naphthalene	13.774	128	52181	4.644	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	15235	4.661	ug/l	99

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

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