

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041663.D
 Acq On : 29 May 2024 09:56
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

Quant Time: May 30 07:24:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:15:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	177591	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	257047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13198	6.059	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	12.120%#		
35) Dibromofluoromethane	5.385	113	10194	5.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.480%#		
50) Toluene-d8	8.647	98	33661	5.421	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.840%#		
62) 4-Bromofluorobenzene	11.079	95	11390	4.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.940%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	8471	5.429	ug/l	94
3) Chloromethane	1.301	50	9307	5.466	ug/l	96
4) Vinyl Chloride	1.374	62	9716	5.543	ug/l	99
5) Bromomethane	1.599	94	6483	5.311	ug/l	97
6) Chloroethane	1.666	64	6071	5.731	ug/l	94
7) Trichlorofluoromethane	1.868	101	15733	5.497	ug/l	94
8) Diethyl Ether	2.136	74	6053	5.487	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	8889	5.481	ug/l	89
10) Methyl Iodide	2.441	142	11095	5.486	ug/l	89
11) Tert butyl alcohol	3.001	59	9007	23.376	ug/l	# 90
12) 1,1-Dichloroethene	2.306	96	8393	5.302	ug/l	91
13) Acrolein	2.239	56	10032	27.957	ug/l	97
14) Allyl chloride	2.660	41	13664	5.247	ug/l	99
15) Acrylonitrile	3.075	53	25530	27.018	ug/l	98
16) Acetone	2.392	43	28683	27.365	ug/l	98
17) Carbon Disulfide	2.502	76	17046	4.867	ug/l	97
18) Methyl Acetate	2.709	43	10898	5.240	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	27449	5.183	ug/l	99
20) Methylene Chloride	2.788	84	10115	5.189	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	8635	5.257	ug/l	86
22) Diisopropyl ether	3.770	45	28665	5.386	ug/l	97
23) Vinyl Acetate	3.727	43	121452	25.400	ug/l	97
24) 1,1-Dichloroethane	3.605	63	15874	5.274	ug/l	96
25) 2-Butanone	4.568	43	35848	26.481	ug/l	99
26) 2,2-Dichloropropane	4.471	77	12535	5.076	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	10312	5.252	ug/l	92
28) Bromochloromethane	4.891	49	7130	5.501	ug/l	# 81
29) Tetrahydrofuran	5.019	42	22892	26.814	ug/l	99
30) Chloroform	5.093	83	16928	5.357	ug/l	97
31) Cyclohexane	5.464	56	13512	5.254	ug/l	# 93
32) 1,1,1-Trichloroethane	5.379	97	14239	5.142	ug/l	99
36) 1,1-Dichloropropene	5.690	75	11238	5.222	ug/l	97
37) Ethyl Acetate	4.721	43	14967	5.511	ug/l	96
38) Carbon Tetrachloride	5.678	117	12068	4.936	ug/l	94
39) Methylcyclohexane	7.379	83	13704	5.184	ug/l	95
40) Benzene	6.038	78	35671	5.303	ug/l	98

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Quant Time: May 30 07:24:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:15:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	6722	5.061	ug/l	91
42) 1,2-Dichloroethane	6.092	62	13725	5.466	ug/l	98
43) Isopropyl Acetate	6.348	43	21550	5.256	ug/l	97
44) Trichloroethene	7.123	130	9519	5.203	ug/l	94
45) 1,2-Dichloropropane	7.428	63	8491	5.309	ug/l	95
46) Dibromomethane	7.586	93	6404	5.221	ug/l #	79
47) Bromodichloromethane	7.824	83	10828	4.767	ug/l	93
48) Methyl methacrylate	7.702	41	9675	4.913	ug/l	94
49) 1,4-Dioxane	7.677	88	4663	108.384	ug/l #	68
51) 4-Methyl-2-Pentanone	8.580	43	69585	26.171	ug/l	100
52) Toluene	8.720	92	22364	5.239	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	10634	4.757	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	11805	4.773	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	8901	5.173	ug/l	92
56) Ethyl methacrylate	9.122	69	13017	4.956	ug/l	96
57) 1,3-Dichloropropane	9.311	76	15539	5.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	31708	25.643	ug/l	92
59) 2-Hexanone	9.433	43	53192	26.240	ug/l	98
60) Dibromochloromethane	9.519	129	8826	4.624	ug/l	97
61) 1,2-Dibromoethane	9.610	107	9346	5.146	ug/l	98
64) Tetrachloroethene	9.275	164	9169	5.280	ug/l	91
65) Chlorobenzene	10.079	112	26259	5.280	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	8637	5.005	ug/l	99
67) Ethyl Benzene	10.195	91	41426	5.227	ug/l	99
68) m/p-Xylenes	10.299	106	32323	10.252	ug/l	95
69) o-Xylene	10.640	106	16261	5.185	ug/l	93
70) Styrene	10.659	104	25895	4.999	ug/l	96
71) Bromoform	10.799	173	6712	4.466	ug/l #	100
73) Isopropylbenzene	10.963	105	40176	5.424	ug/l	96
74) N-amyl acetate	10.848	43	16662	5.078	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	14489	5.512	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	10972m	5.170	ug/l	
77) Bromobenzene	11.195	156	11875	5.431	ug/l	81
78) n-propylbenzene	11.305	91	43183	5.309	ug/l	98
79) 2-Chlorotoluene	11.366	91	29099	5.566	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	32870	5.315	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	3125	4.088	ug/l	88
82) 4-Chlorotoluene	11.457	91	31749	5.338	ug/l	93
83) tert-Butylbenzene	11.713	119	35548	5.336	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	33764	5.388	ug/l	96
85) sec-Butylbenzene	11.890	105	40567	5.311	ug/l	96
86) p-Isopropyltoluene	12.006	119	34561	5.159	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	20827	5.334	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	21814	5.419	ug/l	98
89) n-Butylbenzene	12.335	91	25698	4.846	ug/l	97
90) Hexachloroethane	12.536	117	5654	4.963	ug/l	66
91) 1,2-Dichlorobenzene	12.335	146	21693	5.454	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	2634	4.960	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	12964	4.945	ug/l	96
94) Hexachlorobutadiene	13.725	225	7037	5.418	ug/l	97
95) Naphthalene	13.774	128	38096	4.925	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	13570	5.030	ug/l	95

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Reviewed By :John Carlone 05/30/2024
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

