

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041912.D
 Acq On : 18 Jun 2024 09:53
 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 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 07:48:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	196415	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	289111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	13929	6.150	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	12.300%	#	
35) Dibromofluoromethane	5.391	113	11839	5.771	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.540%	#	
50) Toluene-d8	8.653	98	40766	5.657	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	11.320%	#	
62) 4-Bromofluorobenzene	11.085	95	13329	5.017	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.040%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	8194	5.476	ug/l	97
3) Chloromethane	1.307	50	10497	5.592	ug/l	99
4) Vinyl Chloride	1.374	62	10221	5.432	ug/l	97
5) Bromomethane	1.599	94	4643	4.997	ug/l	91
6) Chloroethane	1.666	64	5561	4.292	ug/l	93
7) Trichlorofluoromethane	1.867	101	14541	5.898	ug/l	97
8) Diethyl Ether	2.136	74	6211	5.367	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	8956	5.273	ug/l #	87
10) Methyl Iodide	2.440	142	11492	5.444	ug/l #	86
11) Tert butyl alcohol	3.001	59	9829	22.867	ug/l #	95
12) 1,1-Dichloroethene	2.306	96	8958	5.288	ug/l #	80
13) Acrolein	2.239	56	12194	25.307	ug/l	97
14) Allyl chloride	2.654	41	14447	5.377	ug/l	90
15) Acrylonitrile	3.074	53	29539	26.310	ug/l	96
16) Acetone	2.392	43	26053	26.196	ug/l #	89
17) Carbon Disulfide	2.501	76	18369	5.318	ug/l	99
18) Methyl Acetate	2.709	43	13526	4.986	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	29072	5.194	ug/l	100
20) Methylene Chloride	2.782	84	11886	5.458	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	8801	5.119	ug/l	89
22) Diisopropyl ether	3.763	45	29531	5.200	ug/l #	85
23) Vinyl Acetate	3.727	43	121680	25.089	ug/l	97
24) 1,1-Dichloroethane	3.605	63	16832	5.293	ug/l	98
25) 2-Butanone	4.580	43	39181	25.323	ug/l	95
26) 2,2-Dichloropropane	4.477	77	11650	5.059	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	10884	5.054	ug/l	85
28) Bromochloromethane	4.897	49	7803	5.728	ug/l #	78
29) Tetrahydrofuran	5.019	42	25200	25.219	ug/l	94
30) Chloroform	5.092	83	17426	5.259	ug/l	99
31) Cyclohexane	5.470	56	14017	5.292	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	14206	5.131	ug/l	97
36) 1,1-Dichloropropene	5.690	75	11181	5.133	ug/l	95
37) Ethyl Acetate	4.733	43	15227	5.366	ug/l	100
38) Carbon Tetrachloride	5.672	117	11936	4.959	ug/l	96
39) Methylcyclohexane	7.379	83	14000	5.082	ug/l	93
40) Benzene	6.037	78	38953	5.302	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	7614	4.950	ug/l	90
42) 1,2-Dichloroethane	6.092	62	12510	5.286	ug/l	94
43) Isopropyl Acetate	6.354	43	21968	5.043	ug/l	97
44) Trichloroethene	7.129	130	10344	5.253	ug/l	82
45) 1,2-Dichloropropane	7.433	63	9304	5.150	ug/l	99
46) Dibromomethane	7.586	93	6743	5.123	ug/l #	76
47) Bromodichloromethane	7.824	83	11598	4.799	ug/l	97
48) Methyl methacrylate	7.702	41	10219	4.916	ug/l	87
49) 1,4-Dioxane	7.677	88	4915	107.509	ug/l #	85
51) 4-Methyl-2-Pentanone	8.580	43	76324	25.438	ug/l	95
52) Toluene	8.720	92	24541	5.246	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	10667	5.088	ug/l	92
54) cis-1,3-Dichloropropene	8.372	75	12611	4.767	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	10297	5.283	ug/l	97
56) Ethyl methacrylate	9.122	69	14462	4.770	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	16622	5.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	35102	24.843	ug/l	95
59) 2-Hexanone	9.433	43	57394	24.975	ug/l	95
60) Dibromochloromethane	9.525	129	9813	4.635	ug/l	97
61) 1,2-Dibromoethane	9.610	107	10181	5.037	ug/l	98
64) Tetrachloroethene	9.275	164	10081	5.322	ug/l	91
65) Chlorobenzene	10.079	112	28590	5.284	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	9533	5.032	ug/l	99
67) Ethyl Benzene	10.195	91	42936	5.064	ug/l	95
68) m/p-Xylenes	10.305	106	34842	10.179	ug/l	90
69) o-Xylene	10.640	106	17282	5.100	ug/l	92
70) Styrene	10.659	104	27549	4.848	ug/l	94
71) Bromoform	10.805	173	7438	5.033	ug/l #	97
73) Isopropylbenzene	10.963	105	42575	5.331	ug/l	96
74) N-amyl acetate	10.847	43	17597	4.960	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	16045	5.403	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	12085m	5.068	ug/l	
77) Bromobenzene	11.201	156	12538	5.271	ug/l	79
78) n-propylbenzene	11.305	91	44343	5.117	ug/l	97
79) 2-Chlorotoluene	11.366	91	30030	5.379	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	34779	5.228	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	3304	3.935	ug/l	96
82) 4-Chlorotoluene	11.457	91	31357	5.081	ug/l	91
83) tert-Butylbenzene	11.713	119	38124	5.223	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	34739	5.205	ug/l	93
85) sec-Butylbenzene	11.890	105	43319	5.247	ug/l	96
86) p-Isopropyltoluene	12.012	119	36000	4.992	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	21432	5.126	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	22620	5.286	ug/l	99
89) n-Butylbenzene	12.335	91	25856	4.658	ug/l	96
90) Hexachloroethane	12.536	117	6008	4.893	ug/l	64
91) 1,2-Dichlorobenzene	12.335	146	22755	5.319	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2757	4.685	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.591	180	13284	4.740	ug/l	95
94) Hexachlorobutadiene	13.725	225	7157	5.050	ug/l	96
95) Naphthalene	13.774	128	40305	4.964	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14136	4.783	ug/l	94

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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

