

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042211.D
 Acq On : 05 Jul 2024 14:08
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 05 23:22:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	157816	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	230670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87663	48.171	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.340%
35) Dibromofluoromethane	5.385	113	83123	50.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.580%
50) Toluene-d8	8.647	98	275513	47.916	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.840%
62) 4-Bromofluorobenzene	11.079	95	106115	50.065	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.120%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	72232	60.078	ug/l	98
3) Chloromethane	1.301	50	78156	51.816	ug/l	99
4) Vinyl Chloride	1.374	62	77948	51.554	ug/l	98
5) Bromomethane	1.599	94	42904	57.465	ug/l	100
6) Chloroethane	1.666	64	39474	63.646	ug/l	98
7) Trichlorofluoromethane	1.867	101	119374	60.262	ug/l	96
8) Diethyl Ether	2.136	74	46513	50.021	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	74121	54.318	ug/l	86
10) Methyl Iodide	2.441	142	100025	58.975	ug/l	# 86
11) Tert butyl alcohol	3.001	59	85538	247.670	ug/l	# 93
12) 1,1-Dichloroethene	2.306	96	74573	54.786	ug/l	84
13) Acrolein	2.239	56	80002	206.646	ug/l	99
14) Allyl chloride	2.660	41	109526	50.736	ug/l	89
15) Acrylonitrile	3.075	53	243718	270.165	ug/l	95
16) Acetone	2.392	43	179136	224.177	ug/l	# 89
17) Carbon Disulfide	2.502	76	152637	54.996	ug/l	98
18) Methyl Acetate	2.709	43	102610	47.072	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	251140	55.847	ug/l	99
20) Methylene Chloride	2.788	84	87240	49.859	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	76401	55.304	ug/l	86
22) Diisopropyl ether	3.770	45	243651	53.397	ug/l	# 82
23) Vinyl Acetate	3.727	43	1104939	283.544	ug/l	# 94
24) 1,1-Dichloroethane	3.605	63	140333	54.918	ug/l	97
25) 2-Butanone	4.568	43	328991	264.637	ug/l	92
26) 2,2-Dichloropropane	4.471	77	93996	50.796	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	95849	55.397	ug/l	85
28) Bromochloromethane	4.897	49	46708	42.676	ug/l	# 71
29) Tetrahydrofuran	5.013	42	214472	267.127	ug/l	92
30) Chloroform	5.093	83	145205	54.543	ug/l	99
31) Cyclohexane	5.464	56	114048	53.588	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	125701	56.508	ug/l	95
36) 1,1-Dichloropropene	5.690	75	94192	54.194	ug/l	94
37) Ethyl Acetate	4.727	43	125911	55.613	ug/l	98
38) Carbon Tetrachloride	5.672	117	108778	56.645	ug/l	97
39) Methylcyclohexane	7.379	83	121231	55.153	ug/l	91
40) Benzene	6.037	78	317425	54.151	ug/l	99

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 adoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	67494	54.994	ug/l	91
42) 1,2-Dichloroethane	6.086	62	103581	54.858	ug/l	91
43) Isopropyl Acetate	6.348	43	184577	53.112	ug/l #	93
44) Trichloroethene	7.123	130	88276	56.182	ug/l	85
45) 1,2-Dichloropropane	7.434	63	78007	54.121	ug/l	97
46) Dibromomethane	7.580	93	58216	55.434	ug/l #	76
47) Bromodichloromethane	7.824	83	106666	55.322	ug/l	97
48) Methyl methacrylate	7.696	41	91441	55.133	ug/l #	85
49) 1,4-Dioxane	7.671	88	32311	741.524	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	634329	264.980	ug/l	93
52) Toluene	8.720	92	205094	54.945	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	106992	52.356	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	119960	56.828	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	85196	54.788	ug/l	99
56) Ethyl methacrylate	9.116	69	135878	56.168	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	136633	54.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	298426	264.719	ug/l	92
59) 2-Hexanone	9.433	43	492958	268.862	ug/l	92
60) Dibromochloromethane	9.525	129	95403	56.482	ug/l	100
61) 1,2-Dibromoethane	9.610	107	89444	55.464	ug/l	100
64) Tetrachloroethene	9.275	164	86769	57.239	ug/l	91
65) Chlorobenzene	10.079	112	236620	54.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	84971	56.049	ug/l	98
67) Ethyl Benzene	10.195	91	381161	56.169	ug/l	98
68) m/p-Xylenes	10.299	106	307704	112.329	ug/l	91
69) o-Xylene	10.640	106	152897	56.377	ug/l	92
70) Styrene	10.653	104	260312	57.240	ug/l	94
71) Bromoform	10.799	173	76970	52.462	ug/l #	98
73) Isopropylbenzene	10.963	105	389898	55.798	ug/l	96
74) N-amyl acetate	10.841	43	164789	53.091	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	134450	51.747	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	105711m	50.669	ug/l	
77) Bromobenzene	11.195	156	111800	53.721	ug/l	78
78) n-propylbenzene	11.305	91	424621	56.005	ug/l	96
79) 2-Chlorotoluene	11.366	91	264841	54.216	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	327418	56.255	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	38721	52.708	ug/l	87
82) 4-Chlorotoluene	11.457	91	296194	54.850	ug/l	92
83) tert-Butylbenzene	11.713	119	348016	54.494	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	331613	56.790	ug/l	93
85) sec-Butylbenzene	11.890	105	407047	56.351	ug/l	95
86) p-Isopropyltoluene	12.006	119	360664	57.158	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	198243	54.194	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	199428	53.135	ug/l	95
89) n-Butylbenzene	12.335	91	274463	56.505	ug/l	97
90) Hexachloroethane	12.536	117	58221	54.195	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	205769	54.973	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29495	57.283	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.585	180	141212	57.589	ug/l	95
94) Hexachlorobutadiene	13.725	225	67041	54.069	ug/l	99
95) Naphthalene	13.774	128	442677	53.671	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148101	57.268	ug/l	95

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QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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