

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041940.D
 Acq On : 19 Jun 2024 11:57
 Operator : JC/MD
 Sample : VX0619WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 00:56:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	174869	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	251464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94368	46.799	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.600%		
35) Dibromofluoromethane	5.385	113	84297	47.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.480%		
50) Toluene-d8	8.647	98	296992	47.380	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.760%		
62) 4-Bromofluorobenzene	11.079	95	110275	47.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26569	19.943	ug/l	100
3) Chloromethane	1.307	50	31664	18.946	ug/l	100
4) Vinyl Chloride	1.374	62	32084	19.151	ug/l	97
5) Bromomethane	1.593	94	15508	18.746	ug/l	96
6) Chloroethane	1.666	64	16791	22.410	ug/l	97
7) Trichlorofluoromethane	1.867	101	48648	22.163	ug/l	99
8) Diethyl Ether	2.136	74	21011	20.392	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.312	101	30916	20.447	ug/l	87
10) Methyl Iodide	2.440	142	37925	20.180	ug/l	# 86
11) Tert butyl alcohol	3.007	59	34499	90.149	ug/l	# 90
12) 1,1-Dichloroethene	2.306	96	29703	19.694	ug/l	# 78
13) Acrolein	2.239	56	40386	94.145	ug/l	98
14) Allyl chloride	2.654	41	48443	20.252	ug/l	89
15) Acrylonitrile	3.075	53	107920	107.964	ug/l	99
16) Acetone	2.398	43	88265	99.686	ug/l	90
17) Carbon Disulfide	2.495	76	51706	16.813	ug/l	97
18) Methyl Acetate	2.709	43	56398	23.349	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	106822	21.438	ug/l	99
20) Methylene Chloride	2.782	84	37106	19.139	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	30464	19.901	ug/l	86
22) Diisopropyl ether	3.770	45	107769	21.315	ug/l	88
23) Vinyl Acetate	3.727	43	468020	108.389	ug/l	96
24) 1,1-Dichloroethane	3.605	63	58478	20.653	ug/l	97
25) 2-Butanone	4.574	43	152320	110.576	ug/l	92
26) 2,2-Dichloropropane	4.471	77	40434	19.720	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	38917	20.299	ug/l	87
28) Bromochloromethane	4.897	49	27362	22.562	ug/l	# 75
29) Tetrahydrofuran	5.019	42	99501	111.844	ug/l	96
30) Chloroform	5.092	83	61577	20.875	ug/l	97
31) Cyclohexane	5.458	56	45648	19.357	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	50708	20.572	ug/l	96
36) 1,1-Dichloropropene	5.690	75	38061	20.088	ug/l	96
37) Ethyl Acetate	4.733	43	56265	22.796	ug/l	98
38) Carbon Tetrachloride	5.672	117	41525	19.836	ug/l	98
39) Methylcyclohexane	7.379	83	48044	20.050	ug/l	96
40) Benzene	6.037	78	130369	20.401	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	30928	23.116	ug/l	92
42) 1,2-Dichloroethane	6.092	62	44042	21.397	ug/l	92
43) Isopropyl Acetate	6.348	43	80617	21.279	ug/l	95
44) Trichloroethene	7.129	130	34651	20.229	ug/l	84
45) 1,2-Dichloropropane	7.434	63	33272	21.175	ug/l	100
46) Dibromomethane	7.586	93	24444	21.351	ug/l #	78
47) Bromodichloromethane	7.824	83	42986	20.451	ug/l	96
48) Methyl methacrylate	7.696	41	40170	22.217	ug/l	87
49) 1,4-Dioxane	7.677	88	20516	440.222	ug/l #	65
51) 4-Methyl-2-Pentanone	8.580	43	299137	114.626	ug/l	97
52) Toluene	8.720	92	85889	21.107	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	42504	19.965	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	48334	21.004	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	36684	21.640	ug/l	97
56) Ethyl methacrylate	9.122	69	56817	21.544	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	58990	21.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	132475	107.795	ug/l	95
59) 2-Hexanone	9.433	43	227920	114.029	ug/l	93
60) Dibromochloromethane	9.525	129	38860	21.104	ug/l	98
61) 1,2-Dibromoethane	9.610	107	38222	21.742	ug/l	99
64) Tetrachloroethene	9.275	164	33948	20.251	ug/l	92
65) Chlorobenzene	10.079	112	99787	20.839	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	35027	20.893	ug/l	99
67) Ethyl Benzene	10.195	91	156411	20.843	ug/l	96
68) m/p-Xylenes	10.299	106	126683	41.820	ug/l	92
69) o-Xylene	10.640	106	63085	21.035	ug/l	93
70) Styrene	10.659	104	107275	21.331	ug/l	94
71) Bromoform	10.799	173	30383	19.815	ug/l #	99
73) Isopropylbenzene	10.963	105	163464	21.985	ug/l	97
74) N-amyl acetate	10.841	43	70589	21.373	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	60836	22.005	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46917m	21.134	ug/l	
77) Bromobenzene	11.201	156	46224	20.874	ug/l	79
78) n-propylbenzene	11.305	91	175304	21.730	ug/l	96
79) 2-Chlorotoluene	11.366	91	112156	21.577	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	135820	21.931	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	15232	19.486	ug/l	95
82) 4-Chlorotoluene	11.457	91	124648	21.693	ug/l	92
83) tert-Butylbenzene	11.713	119	147886	21.762	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	137294	22.097	ug/l	93
85) sec-Butylbenzene	11.890	105	171142	22.266	ug/l	96
86) p-Isopropyltoluene	12.012	119	147036	21.899	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	82539	21.206	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	83396	20.931	ug/l	95
89) n-Butylbenzene	12.335	91	109567	21.199	ug/l	97
90) Hexachloroethane	12.536	117	23485	20.545	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	84513	21.219	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12146	22.169	ug/l #	54
93) 1,2,4-Trichlorobenzene	13.585	180	55148	21.137	ug/l	95
94) Hexachlorobutadiene	13.725	225	27636	20.947	ug/l	99
95) Naphthalene	13.774	128	174084	20.307	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58494	21.257	ug/l	95

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

