

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061224\
 Data File : VX041833.D
 Acq On : 12 Jun 2024 11:40
 Operator : JC/MD
 Sample : VX0612WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2024
 Supervised By : Mahesh Dadoda 06/13/2024

Quant Time: Jun 13 03:39:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	210614	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	305964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111971	43.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.700%
35) Dibromofluoromethane	5.385	113	98702	46.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	8.647	98	355089	48.040	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.080%
62) 4-Bromofluorobenzene	11.079	95	130044	47.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	32526	17.576	ug/l	98
3) Chloromethane	1.295	50	39240	19.434	ug/l	99
4) Vinyl Chloride	1.374	62	39414	18.962	ug/l	98
5) Bromomethane	1.599	94	20552	14.197	ug/l	98
6) Chloroethane	1.666	64	18272	14.544	ug/l	97
7) Trichlorofluoromethane	1.868	101	57030	16.801	ug/l	99
8) Diethyl Ether	2.136	74	23686	18.106	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	35589	18.504	ug/l	88
10) Methyl Iodide	2.447	142	44119	18.395	ug/l	# 87
11) Tert butyl alcohol	2.995	59	44604	97.612	ug/l	# 95
12) 1,1-Dichloroethene	2.307	96	33823	18.016	ug/l	86
13) Acrolein	2.239	56	36976	86.907	ug/l	99
14) Allyl chloride	2.660	41	58957	19.089	ug/l	92
15) Acrylonitrile	3.069	53	112236	100.153	ug/l	98
16) Acetone	2.392	43	98844	85.212	ug/l	90
17) Carbon Disulfide	2.502	76	64095	15.433	ug/l	98
18) Methyl Acetate	2.709	43	53815	21.819	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	115637	18.410	ug/l	100
20) Methylene Chloride	2.788	84	40987	17.731	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	35251	18.097	ug/l	89
22) Diisopropyl ether	3.764	45	123354	19.543	ug/l	91
23) Vinyl Acetate	3.721	43	521006	91.877	ug/l	97
24) 1,1-Dichloroethane	3.605	63	67559	18.928	ug/l	98
25) 2-Butanone	4.568	43	153385	95.541	ug/l	96
26) 2,2-Dichloropropane	4.471	77	50051	17.092	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	45058	19.351	ug/l	88
28) Bromochloromethane	4.891	49	23642	15.379	ug/l	# 81
29) Tetrahydrofuran	5.013	42	99904	98.674	ug/l	97
30) Chloroform	5.093	83	68483	18.275	ug/l	99
31) Cyclohexane	5.464	56	55029	18.044	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	57812	17.605	ug/l	96
36) 1,1-Dichloropropene	5.684	75	44345	17.312	ug/l	95
37) Ethyl Acetate	4.721	43	57377	17.750	ug/l	99
38) Carbon Tetrachloride	5.672	117	48736	16.747	ug/l	95
39) Methylcyclohexane	7.379	83	57668	18.325	ug/l	93
40) Benzene	6.038	78	155011	19.361	ug/l	99

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41) Methacrylonitrile	4.928	41	30497	19.290	ug/l	93
42) 1,2-Dichloroethane	6.086	62	50049	16.745	ug/l	92
43) Isopropyl Acetate	6.342	43	86379	17.699	ug/l	95
44) Trichloroethene	7.123	130	40211	18.467	ug/l	87
45) 1,2-Dichloropropane	7.428	63	37367	19.630	ug/l	99
46) Dibromomethane	7.580	93	26418	18.094	ug/l #	77
47) Bromodichloromethane	7.824	83	47663	17.630	ug/l	97
48) Methyl methacrylate	7.696	41	43016	18.353	ug/l	88
49) 1,4-Dioxane	7.671	88	20687	403.960	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	304169	96.109	ug/l	97
52) Toluene	8.714	92	97370	19.163	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	47894	17.998	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	53955	18.328	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	40077	19.567	ug/l	99
56) Ethyl methacrylate	9.116	69	61473	19.663	ug/l	91
57) 1,3-Dichloropropane	9.305	76	65014	19.119	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	135776	92.250	ug/l	96
59) 2-Hexanone	9.433	43	233316	96.697	ug/l	95
60) Dibromochloromethane	9.519	129	40467	17.810	ug/l	98
61) 1,2-Dibromoethane	9.610	107	40839	18.892	ug/l	99
64) Tetrachloroethene	9.269	164	37872	18.204	ug/l	91
65) Chlorobenzene	10.080	112	111418	18.703	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	38146	18.454	ug/l	99
67) Ethyl Benzene	10.195	91	180170	18.978	ug/l	97
68) m/p-Xylenes	10.299	106	142859	37.825	ug/l	92
69) o-Xylene	10.640	106	70579	18.785	ug/l	94
70) Styrene	10.653	104	120045	19.344	ug/l	94
71) Bromoform	10.799	173	31492	17.493	ug/l #	100
73) Isopropylbenzene	10.964	105	182883	20.126	ug/l	97
74) N-amyl acetate	10.842	43	76631	19.037	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	64286	19.935	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	51891m	20.302	ug/l	
77) Bromobenzene	11.195	156	51640	19.253	ug/l	81
78) n-propylbenzene	11.305	91	196893	19.733	ug/l	97
79) 2-Chlorotoluene	11.366	91	127440	19.871	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	149576	19.715	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	16321	17.404	ug/l	95
82) 4-Chlorotoluene	11.451	91	140801	19.298	ug/l	93
83) tert-Butylbenzene	11.713	119	161462	19.757	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	154811	20.139	ug/l	95
85) sec-Butylbenzene	11.890	105	187199	19.980	ug/l	96
86) p-Isopropyltoluene	12.006	119	161817	19.692	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	91459	19.093	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	91469	18.524	ug/l	95
89) n-Butylbenzene	12.329	91	120539	18.530	ug/l	98
90) Hexachloroethane	12.536	117	25096	17.956	ug/l	63
91) 1,2-Dichlorobenzene	12.335	146	94957	19.461	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12246	18.797	ug/l	57
93) 1,2,4-Trichlorobenzene	13.585	180	58675	18.246	ug/l	95
94) Hexachlorobutadiene	13.725	225	29488	18.509	ug/l	99
95) Naphthalene	13.774	128	181121	19.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62021	18.740	ug/l	97

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

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