

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037573.D
 Acq On : 07 Sep 2023 12:37
 Operator : JC/MD
 Sample : VX0907WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 09/08/2023

Supervised By :Mahesh
 Dadoda
 09/08/2023

Quant Time: Sep 08 00:42:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104241	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83778	46.425	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.840%
35) Dibromofluoromethane	5.385	113	76687	56.047	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.100%
50) Toluene-d8	8.647	98	266386	53.672	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.340%
62) 4-Bromofluorobenzene	11.079	95	110519	56.662	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24451	16.816	ug/l	99
3) Chloromethane	1.307	50	21997	17.292	ug/l	99
4) Vinyl Chloride	1.374	62	24157	17.446	ug/l	96
5) Bromomethane	1.593	94	10211	14.805	ug/l	93
6) Chloroethane	1.672	64	12608	15.474	ug/l	99
7) Trichlorofluoromethane	1.880	101	37784	16.658	ug/l	98
8) Diethyl Ether	2.136	74	15957	18.184	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.319	101	25886	19.563	ug/l	95
10) Methyl Iodide	2.447	142	28034	17.432	ug/l	92
11) Tert butyl alcohol	2.971	59	35067	82.839	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	22719	17.632	ug/l	81
13) Acrolein	2.233	56	33161	102.973	ug/l	98
14) Allyl chloride	2.660	41	33590	16.842	ug/l #	87
15) Acrylonitrile	3.062	53	77494	102.564	ug/l	99
16) Acetone	2.380	43	66244	93.833	ug/l #	88
17) Carbon Disulfide	2.508	76	44069	13.446	ug/l	98
18) Methyl Acetate	2.703	43	51150	19.243	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	88087	18.025	ug/l	98
20) Methylene Chloride	2.782	84	29102	18.433	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	25252	17.240	ug/l	87
22) Diisopropyl ether	3.763	45	75758	18.511	ug/l #	84
23) Vinyl Acetate	3.721	43	270786	86.342	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	46738	18.211	ug/l	96
25) 2-Butanone	4.556	43	101329	95.325	ug/l #	85
26) 2,2-Dichloropropane	4.471	77	35045	15.290	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	32060	18.566	ug/l	85
28) Bromochloromethane	4.904	49	24324	21.216	ug/l #	68
29) Tetrahydrofuran	5.013	42	62667	92.443	ug/l #	79
30) Chloroform	5.093	83	52575	18.249	ug/l	97
31) Cyclohexane	5.464	56	35956	17.720	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	44306	17.161	ug/l	96
36) 1,1-Dichloropropene	5.690	75	34316	17.653	ug/l	95
37) Ethyl Acetate	4.715	43	37859	19.065	ug/l #	92
38) Carbon Tetrachloride	5.672	117	37269	17.649	ug/l	96
39) Methylcyclohexane	7.379	83	42680	20.897	ug/l	89
40) Benzene	6.037	78	107626	19.304	ug/l	98

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41) Methacrylonitrile	4.922	41	19647	19.032	ug/l	#	84
42) 1,2-Dichloroethane	6.086	62	38904	17.794	ug/l		92
43) Isopropyl Acetate	6.342	43	56804	18.018	ug/l	#	89
44) Trichloroethene	7.123	130	29719	18.799	ug/l		92
45) 1,2-Dichloropropane	7.427	63	27792	20.217	ug/l		99
46) Dibromomethane	7.580	93	20567	18.992	ug/l		92
47) Bromodichloromethane	7.824	83	38374	18.500	ug/l		99
48) Methyl methacrylate	7.696	41	27826	18.099	ug/l	#	79
49) 1,4-Dioxane	7.659	88	15570	376.027	ug/l	#	83
51) 4-Methyl-2-Pentanone	8.574	43	196258	102.519	ug/l		88
52) Toluene	8.720	92	71796	19.490	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	37651	17.048	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	42332	17.737	ug/l	#	83
55) 1,1,2-Trichloroethane	9.153	97	32058	21.372	ug/l		99
56) Ethyl methacrylate	9.116	69	45108	19.199	ug/l	#	82
57) 1,3-Dichloropropane	9.311	76	51299	20.288	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	115539	102.473	ug/l		92
59) 2-Hexanone	9.433	43	150344	103.000	ug/l		85
60) Dibromochloromethane	9.519	129	30658	19.197	ug/l		100
61) 1,2-Dibromoethane	9.610	107	33264	20.255	ug/l		99
64) Tetrachloroethene	9.275	164	24445	17.143	ug/l		97
65) Chlorobenzene	10.079	112	80960	19.597	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	28813	18.897	ug/l		98
67) Ethyl Benzene	10.195	91	136393	18.762	ug/l		98
68) m/p-Xylenes	10.299	106	107098	38.149	ug/l		96
69) o-Xylene	10.640	106	53262	19.230	ug/l		99
70) Styrene	10.659	104	88335	19.361	ug/l		96
71) Bromoform	10.799	173	21437	18.795	ug/l	#	99
73) Isopropylbenzene	10.963	105	142582	18.818	ug/l		98
74) N-amyl acetate	10.841	43	49926	16.958	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	51482	20.176	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	41235m	18.574	ug/l		
77) Bromobenzene	11.195	156	35290	19.071	ug/l		90
78) n-propylbenzene	11.305	91	161313	19.120	ug/l		99
79) 2-Chlorotoluene	11.366	91	100882	18.711	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	123923	19.607	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	12115	15.242	ug/l		94
82) 4-Chlorotoluene	11.457	91	113576	18.249	ug/l		97
83) tert-Butylbenzene	11.713	119	125322	20.791	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	122093	19.114	ug/l		95
85) sec-Butylbenzene	11.890	105	154512	21.946	ug/l		99
86) p-Isopropyltoluene	12.012	119	130009	21.450	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	66505	19.196	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	67863	18.960	ug/l		100
89) n-Butylbenzene	12.335	91	106933	21.280	ug/l		98
90) Hexachloroethane	12.536	117	20662	20.425	ug/l		91
91) 1,2-Dichlorobenzene	12.335	146	66950	19.735	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10621	17.914	ug/l		79
93) 1,2,4-Trichlorobenzene	13.591	180	41354	20.833	ug/l		96
94) Hexachlorobutadiene	13.725	225	19865	25.905	ug/l		99
95) Naphthalene	13.774	128	141458	16.269	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	41923	21.258	ug/l		99

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

