

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036838.D
 Acq On : 07 Aug 2023 15:40
 Operator : JC/MD
 Sample : VX0807WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Quant Time: Aug 08 01:36:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 08/08/2023

Supervised By :Mahesh
 Dadoda
 08/08/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	148058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117949	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	106558	48.640	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.280%
35) Dibromofluoromethane	5.385	113	89758	51.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	8.647	98	297108	47.773	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.540%
62) 4-Bromofluorobenzene	11.079	95	120839	51.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	42357	21.656	ug/l	98
3) Chloromethane	1.301	50	35737	20.089	ug/l	100
4) Vinyl Chloride	1.374	62	38331	21.163	ug/l	99
5) Bromomethane	1.599	94	21432	19.820	ug/l	99
6) Chloroethane	1.685	64	22986	26.103	ug/l	98
7) Trichlorofluoromethane	1.886	101	63653	22.757	ug/l	99
8) Diethyl Ether	2.136	74	22143	20.463	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	35764	21.283	ug/l	97
10) Methyl Iodide	2.453	142	40020	22.929	ug/l	94
11) Tert butyl alcohol	2.965	59	53677	103.495	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	35143	21.197	ug/l	86
13) Acrolein	2.239	56	30138	101.821	ug/l	99
14) Allyl chloride	2.666	41	59918	18.354	ug/l #	95
15) Acrylonitrile	3.068	53	106270	101.887	ug/l	100
16) Acetone	2.380	43	91921	101.115	ug/l	91
17) Carbon Disulfide	2.514	76	91449	19.986	ug/l	98
18) Methyl Acetate	2.703	43	75102	19.638	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	131075	21.039	ug/l	99
20) Methylene Chloride	2.788	84	42060	20.804	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	38690	20.881	ug/l	90
22) Diisopropyl ether	3.764	45	117039	18.882	ug/l	90
23) Vinyl Acetate	3.727	43	461210	97.000	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	70840	20.384	ug/l	96
25) 2-Butanone	4.562	43	148990	101.016	ug/l	93
26) 2,2-Dichloropropane	4.477	77	63505	19.393	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	45267	20.569	ug/l	93
28) Bromochloromethane	4.897	49	30217	17.978	ug/l	88
29) Tetrahydrofuran	5.007	42	96417	101.395	ug/l	89
30) Chloroform	5.099	83	74533	20.963	ug/l	98
31) Cyclohexane	5.471	56	59492	19.613	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	68170	20.925	ug/l	98
36) 1,1-Dichloropropene	5.696	75	53741	20.559	ug/l	97
37) Ethyl Acetate	4.715	43	59609	20.148	ug/l	96
38) Carbon Tetrachloride	5.678	117	59482	21.404	ug/l	97
39) Methylcyclohexane	7.385	83	58366	17.957	ug/l	93
40) Benzene	6.044	78	157657	20.730	ug/l	100

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41) Methacrylonitrile	4.922	41	30768	19.444	ug/l	#	91
42) 1,2-Dichloroethane	6.086	62	60200	21.650	ug/l		96
43) Isopropyl Acetate	6.342	43	98379	19.317	ug/l		96
44) Trichloroethene	7.129	130	42724	21.492	ug/l		97
45) 1,2-Dichloropropane	7.434	63	39647	19.526	ug/l		95
46) Dibromomethane	7.586	93	30345	21.353	ug/l		96
47) Bromodichloromethane	7.824	83	59174	20.286	ug/l		100
48) Methyl methacrylate	7.696	41	46012	19.427	ug/l	#	88
49) 1,4-Dioxane	7.659	88	20233	422.870	ug/l	#	89
51) 4-Methyl-2-Pentanone	8.574	43	289104	102.579	ug/l		95
52) Toluene	8.720	92	102353	21.479	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	65136	19.757	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	68147	19.588	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	41279	20.607	ug/l		96
56) Ethyl methacrylate	9.116	69	67082	20.566	ug/l		92
57) 1,3-Dichloropropane	9.311	76	70170	21.032	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	152345	94.789	ug/l		96
59) 2-Hexanone	9.433	43	219810	105.088	ug/l		92
60) Dibromochloromethane	9.519	129	44635	20.273	ug/l		99
61) 1,2-Dibromoethane	9.610	107	45015	21.683	ug/l		100
64) Tetrachloroethene	9.275	164	38706	22.399	ug/l		99
65) Chlorobenzene	10.079	112	107658	21.081	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	40764	20.652	ug/l		99
67) Ethyl Benzene	10.195	91	194614	20.861	ug/l		100
68) m/p-Xylenes	10.299	106	148326	42.613	ug/l		99
69) o-Xylene	10.640	106	73437	21.136	ug/l		100
70) Styrene	10.653	104	122201	21.318	ug/l		98
71) Bromoform	10.799	173	32402	20.279	ug/l	#	98
73) Isopropylbenzene	10.963	105	188342	19.295	ug/l		99
74) N-amyl acetate	10.842	43	82681	18.164	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.213	83	63207	19.172	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	54725m	19.726	ug/l		
77) Bromobenzene	11.201	156	44675	20.097	ug/l		96
78) n-propylbenzene	11.305	91	214831	19.030	ug/l		99
79) 2-Chlorotoluene	11.366	91	132907	19.429	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	156363	19.148	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	20775	16.973	ug/l		88
82) 4-Chlorotoluene	11.451	91	152560	19.573	ug/l		98
83) tert-Butylbenzene	11.713	119	148876	18.558	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	160612	19.667	ug/l		98
85) sec-Butylbenzene	11.890	105	178417	17.833	ug/l		99
86) p-Isopropyltoluene	12.006	119	152106	18.477	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	83482	20.276	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	85511	20.928	ug/l		99
89) n-Butylbenzene	12.335	91	129584	17.584	ug/l		100
90) Hexachloroethane	12.536	117	27367	16.398	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	82186	20.686	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15232	19.882	ug/l		85
93) 1,2,4-Trichlorobenzene	13.585	180	47891	19.565	ug/l		99
94) Hexachlorobutadiene	13.725	225	17896	17.672	ug/l		98
95) Naphthalene	13.774	128	187459	21.976	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	49198	20.392	ug/l		99

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

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