

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040723\
 Data File : VX034973.D
 Acq On : 07 Apr 2023 16:58
 Operator : JC/MD
 Sample : VX0407WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD03

Quant Time: Apr 08 00:56:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Mahesh Dadoda 04/10/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	271355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	222902	53.712	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.420%			
35) Dibromofluoromethane	5.385	113	160740	54.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.840%			
50) Toluene-d8	8.646	98	580612	53.259	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.520%			
62) 4-Bromofluorobenzene	11.079	95	230457	54.628	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55303	20.434	ug/l	99
3) Chloromethane	1.294	50	61819	18.243	ug/l	98
4) Vinyl Chloride	1.373	62	62238	18.550	ug/l	96
5) Bromomethane	1.617	94	36584	16.780	ug/l	99
6) Chloroethane	1.690	64	35958	16.472	ug/l	94
7) Trichlorofluoromethane	1.885	101	91415	16.948	ug/l	99
8) Diethyl Ether	2.135	74	37322	19.627	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.330	101	55799	19.792	ug/l	99
10) Methyl Iodide	2.452	142	53449	15.224	ug/l	94
11) Tert butyl alcohol	2.983	59	78983m	108.474	ug/l	
12) 1,1-Dichloroethene	2.318	96	51025	18.316	ug/l	87
13) Acrolein	2.239	56	64690	86.306	ug/l	99
14) Allyl chloride	2.666	41	101402	18.580	ug/l	96
15) Acrylonitrile	3.062	53	169094	103.171	ug/l	99
16) Acetone	2.385	43	184579	109.486	ug/l	98
17) Carbon Disulfide	2.513	76	112498	16.124	ug/l	98
18) Methyl Acetate	2.702	43	128118	21.389	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	204791	19.856	ug/l	99
20) Methylene Chloride	2.788	84	62818	18.883	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	55534	18.279	ug/l	94
22) Diisopropyl ether	3.757	45	216865	19.693	ug/l	96
23) Vinyl Acetate	3.720	43	784560	99.897	ug/l	98
24) 1,1-Dichloroethane	3.611	63	112622	19.008	ug/l	98
25) 2-Butanone	4.562	43	257300	104.922	ug/l	99
26) 2,2-Dichloropropane	4.476	77	86543	17.761	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	66320	18.422	ug/l	96
28) Bromochloromethane	4.897	49	62725	21.642	ug/l	100
29) Tetrahydrofuran	5.007	42	159731	103.974	ug/l	98
30) Chloroform	5.092	83	117399	19.508	ug/l	96
31) Cyclohexane	5.464	56	96637	19.124	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	100061	19.484	ug/l	99
36) 1,1-Dichloropropene	5.696	75	83334	19.045	ug/l	99
37) Ethyl Acetate	4.714	43	93423	20.419	ug/l	98
38) Carbon Tetrachloride	5.677	117	82912	20.098	ug/l	99
39) Methylcyclohexane	7.378	83	89570	19.277	ug/l	91
40) Benzene	6.037	78	241368	19.216	ug/l	100

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41) Methacrylonitrile	4.921	41	55564	22.330	ug/l	97
42) 1,2-Dichloroethane	6.086	62	101096	20.244	ug/l	98
43) Isopropyl Acetate	6.342	43	153929	20.109	ug/l	99
44) Trichloroethene	7.122	130	62041	19.349	ug/l	98
45) 1,2-Dichloropropane	7.427	63	64386	19.671	ug/l	99
46) Dibromomethane	7.580	93	44378	19.705	ug/l	99
47) Bromodichloromethane	7.823	83	82234	19.768	ug/l	99
48) Methyl methacrylate	7.689	41	78418	20.860	ug/l	97
49) 1,4-Dioxane	7.695	88	31393	405.225	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	487574	107.625	ug/l	99
52) Toluene	8.720	92	154329	18.844	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	85539	19.114	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	94179	19.230	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	63532	20.496	ug/l	96
56) Ethyl methacrylate	9.116	69	99616	20.511	ug/l	98
57) 1,3-Dichloropropane	9.311	76	110982	20.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	238812	96.573	ug/l	100
59) 2-Hexanone	9.427	43	370443	108.110	ug/l	99
60) Dibromochloromethane	9.518	129	59275	20.074	ug/l	98
61) 1,2-Dibromoethane	9.610	107	66321	20.576	ug/l	99
64) Tetrachloroethene	9.274	164	53513	18.735	ug/l	95
65) Chlorobenzene	10.079	112	162101	19.520	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	56872	19.916	ug/l	99
67) Ethyl Benzene	10.195	91	296913	19.736	ug/l	99
68) m/p-Xylenes	10.299	106	226462	39.408	ug/l	99
69) o-Xylene	10.640	106	112058	19.905	ug/l	99
70) Styrene	10.658	104	181085	20.150	ug/l	100
71) Bromoform	10.798	173	36957	19.029	ug/l #	98
73) Isopropylbenzene	10.963	105	290057	20.441	ug/l	98
74) N-amyl acetate	10.841	43	128462	20.135	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	94531	20.326	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	80082m	20.516	ug/l	
77) Bromobenzene	11.201	156	67851	19.297	ug/l	99
78) n-propylbenzene	11.304	91	329099	20.076	ug/l	99
79) 2-Chlorotoluene	11.365	91	207836	20.081	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	241566	20.360	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21272	16.332	ug/l #	80
82) 4-Chlorotoluene	11.451	91	238352	19.831	ug/l	99
83) tert-Butylbenzene	11.713	119	228142	20.477	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	244129	20.234	ug/l	98
85) sec-Butylbenzene	11.890	105	276278	20.383	ug/l	100
86) p-Isopropyltoluene	12.006	119	235407	20.829	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	127935	19.980	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	132006	19.738	ug/l	99
89) n-Butylbenzene	12.335	91	196830	19.933	ug/l	98
90) Hexachloroethane	12.536	117	33382	19.064	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	128650	20.061	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	20032	20.635	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	75130	20.713	ug/l	100
94) Hexachlorobutadiene	13.725	225	31348	19.650	ug/l	98
95) Naphthalene	13.774	128	268184	20.809	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77700	21.242	ug/l	98

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

