

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034225.D
 Acq On : 22 Feb 2023 13:49
 Operator : JC/MD
 Sample : VX0222WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 23 01:28:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	302098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	493205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	444136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	184178	45.269	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.540%		
35) Dibromofluoromethane	5.385	113	155793	48.515	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	8.647	98	592997	51.433	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.860%		
62) 4-Bromofluorobenzene	11.079	95	219852	49.852	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53345	20.435	ug/l	97
3) Chloromethane	1.294	50	75367	20.063	ug/l	98
4) Vinyl Chloride	1.374	62	75566	22.088	ug/l	100
5) Bromomethane	1.611	94	38501	26.609	ug/l	99
6) Chloroethane	1.691	64	44149	25.669	ug/l	98
7) Trichlorofluoromethane	1.892	101	111296	24.046	ug/l	96
8) Diethyl Ether	2.130	74	42767	22.935	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	61284	18.801	ug/l	95
10) Methyl Iodide	2.453	142	72056	18.156	ug/l	93
11) Tert butyl alcohol	2.965	59	78640	86.419	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	59345	18.162	ug/l	96
13) Acrolein	2.233	56	36088	86.877	ug/l	96
14) Allyl chloride	2.660	41	116694	16.836	ug/l	91
15) Acrylonitrile	3.062	53	186407	93.901	ug/l	99
16) Acetone	2.380	43	161221	76.817	ug/l	92
17) Carbon Disulfide	2.514	76	160064	17.038	ug/l	100
18) Methyl Acetate	2.703	43	119476	18.398	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	218805	18.973	ug/l	98
20) Methylene Chloride	2.788	84	72488	19.169	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	64068	18.712	ug/l	99
22) Diisopropyl ether	3.751	45	242125	19.926	ug/l	92
23) Vinyl Acetate	3.715	43	932072	95.739	ug/l	100
24) 1,1-Dichloroethane	3.611	63	122905	18.424	ug/l	98
25) 2-Butanone	4.550	43	265856	87.547	ug/l	98
26) 2,2-Dichloropropane	4.477	77	105979	17.537	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	76775	18.936	ug/l	95
28) Bromochloromethane	4.891	49	55838	18.764	ug/l	89
29) Tetrahydrofuran	5.001	42	169337	91.409	ug/l	99
30) Chloroform	5.092	83	121862	19.024	ug/l	99
31) Cyclohexane	5.470	56	114473	18.845	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	105880	18.439	ug/l	99
36) 1,1-Dichloropropene	5.690	75	89550	18.856	ug/l	98
37) Ethyl Acetate	4.708	43	101739	19.169	ug/l	99
38) Carbon Tetrachloride	5.678	117	91862	18.797	ug/l	98
39) Methylcyclohexane	7.379	83	115106	18.834	ug/l	99
40) Benzene	6.031	78	277038	19.685	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	56812	19.212	ug/l	99
42) 1,2-Dichloroethane	6.080	62	93228	18.834	ug/l	100
43) Isopropyl Acetate	6.330	43	176375	18.831	ug/l	99
44) Trichloroethene	7.123	130	71891	19.905	ug/l	93
45) 1,2-Dichloropropane	7.427	63	73223	19.544	ug/l	100
46) Dibromomethane	7.580	93	48950	19.852	ug/l	88
47) Bromodichloromethane	7.818	83	94950	18.764	ug/l	100
48) Methyl methacrylate	7.690	41	83304	18.739	ug/l	98
49) 1,4-Dioxane	7.677	88	34494	389.016	ug/l #	97
51) 4-Methyl-2-Pentanone	8.567	43	529342	102.724	ug/l	98
52) Toluene	8.714	92	173106	20.299	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	109735	18.840	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	116976	18.760	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	70294	20.422	ug/l	99
56) Ethyl methacrylate	9.116	69	112792	19.370	ug/l	97
57) 1,3-Dichloropropane	9.305	76	120341	20.094	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	252503	100.102	ug/l	94
59) 2-Hexanone	9.427	43	391364	99.656	ug/l	98
60) Dibromochloromethane	9.518	129	75443	19.836	ug/l	99
61) 1,2-Dibromoethane	9.610	107	72188	19.830	ug/l	97
64) Tetrachloroethene	9.269	164	62627	19.979	ug/l	92
65) Chlorobenzene	10.079	112	185260	20.011	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	69474	19.384	ug/l	97
67) Ethyl Benzene	10.195	91	330740	19.885	ug/l	99
68) m/p-Xylenes	10.299	106	260292	40.894	ug/l	98
69) o-Xylene	10.640	106	127485	20.119	ug/l	97
70) Styrene	10.652	104	207455	20.130	ug/l	98
71) Bromoform	10.799	173	55832	19.085	ug/l #	99
73) Isopropylbenzene	10.963	105	330084	19.494	ug/l	100
74) N-amyl acetate	10.841	43	154225	18.130	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	109754	18.951	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	87597m	15.669	ug/l	
77) Bromobenzene	11.195	156	79757	19.573	ug/l	88
78) n-propylbenzene	11.305	91	386605	19.632	ug/l	97
79) 2-Chlorotoluene	11.366	91	228542	18.926	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	277323	19.480	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	36299	16.680	ug/l	90
82) 4-Chlorotoluene	11.451	91	262566	19.091	ug/l	98
83) tert-Butylbenzene	11.713	119	281223	19.288	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	274780	19.090	ug/l	99
85) sec-Butylbenzene	11.890	105	350021	19.768	ug/l	98
86) p-Isopropyltoluene	12.006	119	286559	19.556	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	151565	19.833	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	150032	19.464	ug/l	97
89) n-Butylbenzene	12.329	91	250724	19.211	ug/l	98
90) Hexachloroethane	12.536	117	54258	17.709	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	150540	20.134	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20977	15.189	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	92850	19.342	ug/l	98
94) Hexachlorobutadiene	13.725	225	38445	19.319	ug/l	97
95) Naphthalene	13.774	128	304226	18.813	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	94242	19.775	ug/l	98

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

