

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034535.D
 Acq On : 16 Mar 2023 11:03
 Operator : JC/MD
 Sample : VX0316WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBS01

Quant Time: Mar 17 06:20:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	270597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	452034	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190042	48.275	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.560%		
35) Dibromofluoromethane	5.385	113	146662	49.141	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.280%		
50) Toluene-d8	8.647	98	543879	48.816	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.640%		
62) 4-Bromofluorobenzene	11.079	95	206989	45.994	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46435	18.407	ug/l	95
3) Chloromethane	1.301	50	63521	15.723	ug/l	100
4) Vinyl Chloride	1.374	62	61983	18.045	ug/l	99
5) Bromomethane	1.599	94	41464	23.925	ug/l	99
6) Chloroethane	1.685	64	39072	19.756	ug/l	96
7) Trichlorofluoromethane	1.886	101	100601	19.492	ug/l	100
8) Diethyl Ether	2.130	74	37864	20.096	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	56595	18.816	ug/l	99
10) Methyl Iodide	2.453	142	74729	18.923	ug/l	97
11) Tert butyl alcohol	2.953	59	67648	82.520	ug/l	99
12) 1,1-Dichloroethene	2.319	96	53170	17.949	ug/l	96
13) Acrolein	2.233	56	67553	104.165	ug/l	98
14) Allyl chloride	2.660	41	102765	17.111	ug/l	98
15) Acrylonitrile	3.062	53	164780	93.051	ug/l	100
16) Acetone	2.373	43	166076	89.560	ug/l	99
17) Carbon Disulfide	2.514	76	124191	14.897	ug/l	99
18) Methyl Acetate	2.697	43	110928	18.308	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197977	18.666	ug/l	98
20) Methylene Chloride	2.788	84	62456	17.354	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	57098	18.149	ug/l	99
22) Diisopropyl ether	3.757	45	216929	18.945	ug/l	98
23) Vinyl Acetate	3.721	43	821201	94.233	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112639	18.300	ug/l	98
25) 2-Butanone	4.550	43	246354	92.847	ug/l	97
26) 2,2-Dichloropropane	4.477	77	93249	17.429	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	69323	18.305	ug/l	100
28) Bromochloromethane	4.897	49	56389	19.703	ug/l	98
29) Tetrahydrofuran	5.001	42	152609	93.210	ug/l	99
30) Chloroform	5.093	83	113010	18.730	ug/l	96
31) Cyclohexane	5.471	56	99980	18.109	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	98500	18.441	ug/l	99
36) 1,1-Dichloropropene	5.690	75	81960	17.879	ug/l	99
37) Ethyl Acetate	4.708	43	91471	18.265	ug/l	99
38) Carbon Tetrachloride	5.678	117	82700	18.135	ug/l	98
39) Methylcyclohexane	7.379	83	98614	17.976	ug/l	94
40) Benzene	6.037	78	247379	18.447	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	50226	18.300	ug/l	99
42) 1,2-Dichloroethane	6.086	62	96867	19.655	ug/l	99
43) Isopropyl Acetate	6.336	43	155147	18.287	ug/l	100
44) Trichloroethene	7.129	130	62783	18.019	ug/l	100
45) 1,2-Dichloropropane	7.427	63	66127	18.885	ug/l	99
46) Dibromomethane	7.580	93	44981	18.896	ug/l	98
47) Bromodichloromethane	7.818	83	83465	18.117	ug/l	98
48) Methyl methacrylate	7.690	41	75461	18.494	ug/l	99
49) 1,4-Dioxane	7.659	88	33232	387.766	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	480566	97.645	ug/l	98
52) Toluene	8.714	92	156035	18.794	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89202	17.186	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	100253	17.853	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	63682	19.327	ug/l	97
56) Ethyl methacrylate	9.116	69	100475	18.573	ug/l	98
57) 1,3-Dichloropropane	9.305	76	111639	19.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	253925	91.078	ug/l	99
59) 2-Hexanone	9.427	43	367244	96.531	ug/l	99
60) Dibromochloromethane	9.519	129	59622	17.253	ug/l	99
61) 1,2-Dibromoethane	9.610	107	66060	18.579	ug/l	100
64) Tetrachloroethene	9.275	164	50113	18.193	ug/l	99
65) Chlorobenzene	10.079	112	165193	18.361	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	59340	18.109	ug/l	97
67) Ethyl Benzene	10.195	91	299652	18.604	ug/l	97
68) m/p-Xylenes	10.299	106	227583	36.783	ug/l	98
69) o-Xylene	10.640	106	112355	18.095	ug/l	97
70) Styrene	10.653	104	183793	18.347	ug/l	100
71) Bromoform	10.799	173	39892	15.815	ug/l #	98
73) Isopropylbenzene	10.963	105	297734	19.031	ug/l	99
74) N-amyl acetate	10.842	43	137612	18.365	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	99775	19.112	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	80711m	17.365	ug/l	
77) Bromobenzene	11.195	156	70408	18.758	ug/l	98
78) n-propylbenzene	11.305	91	348162	19.270	ug/l	99
79) 2-Chlorotoluene	11.366	91	212478	19.041	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	251005	19.128	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25171	14.651	ug/l	87
82) 4-Chlorotoluene	11.451	91	245807	19.124	ug/l	100
83) tert-Butylbenzene	11.713	119	246545	18.635	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	251451	18.750	ug/l	99
85) sec-Butylbenzene	11.890	105	310902	19.221	ug/l	98
86) p-Isopropyltoluene	12.006	119	254057	18.689	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	132956	18.078	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	133682	17.977	ug/l	97
89) n-Butylbenzene	12.335	91	222429	18.406	ug/l	99
90) Hexachloroethane	12.536	117	40844	16.238	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	133206	18.742	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20317	17.129	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	80795	18.179	ug/l	99
94) Hexachlorobutadiene	13.725	225	33034	18.449	ug/l	97
95) Naphthalene	13.774	128	275719	18.500	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	80193	18.458	ug/l	99

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

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