

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034894.D
 Acq On : 01 Apr 2023 01:55
 Operator : JC/MD
 Sample : VX0331WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBS03

Quant Time: Apr 03 02:09:03 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 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	215114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	367547	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165572	50.328	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.660%			
35) Dibromofluoromethane	5.385	113	123300	50.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.440%			
50) Toluene-d8	8.647	98	537564	59.909	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 119.820%#			
62) 4-Bromofluorobenzene	11.079	95	169685	48.867	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43441	20.247	ug/l	97
3) Chloromethane	1.294	50	56678	21.099	ug/l	99
4) Vinyl Chloride	1.374	62	55258	20.775	ug/l	99
5) Bromomethane	1.617	94	35631	20.615	ug/l	99
6) Chloroethane	1.691	64	38703	22.365	ug/l	100
7) Trichlorofluoromethane	1.886	101	91265	21.344	ug/l	98
8) Diethyl Ether	2.130	74	34707	23.023	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	45664	20.432	ug/l	99
10) Methyl Iodide	2.453	142	44504	15.990	ug/l	95
11) Tert butyl alcohol	3.001	59	57808m	100.150	ug/l	
12) 1,1-Dichloroethene	2.319	96	44230	20.028	ug/l	92
13) Acrolein	2.239	56	59624	100.345	ug/l	99
14) Allyl chloride	2.666	41	82779	19.133	ug/l	96
15) Acrylonitrile	3.062	53	140870	108.422	ug/l	99
16) Acetone	2.392	43	131649	98.506	ug/l	96
17) Carbon Disulfide	2.514	76	97575	17.642	ug/l	100
18) Methyl Acetate	2.703	43	104048	21.912	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	164055	20.065	ug/l	97
20) Methylene Chloride	2.788	84	52160	19.778	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	48603	20.180	ug/l	97
22) Diisopropyl ether	3.757	45	181088	20.744	ug/l	95
23) Vinyl Acetate	3.721	43	646775	103.884	ug/l	98
24) 1,1-Dichloroethane	3.611	63	94987	20.223	ug/l	99
25) 2-Butanone	4.562	43	204152	105.014	ug/l	97
26) 2,2-Dichloropropane	4.477	77	60199	15.585	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	57084	20.002	ug/l	98
28) Bromochloromethane	4.897	49	48875	21.272	ug/l	94
29) Tetrahydrofuran	5.007	42	134656	110.568	ug/l	98
30) Chloroform	5.092	83	95096	19.933	ug/l	96
31) Cyclohexane	5.470	56	83857	20.933	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	80550	19.786	ug/l	99
36) 1,1-Dichloropropene	5.690	75	70318	19.524	ug/l	98
37) Ethyl Acetate	4.714	43	78164	20.755	ug/l	99
38) Carbon Tetrachloride	5.678	117	64735	19.064	ug/l	97
39) Methylcyclohexane	7.379	83	74955	19.598	ug/l	98
40) Benzene	6.037	78	208071	20.125	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42280	20.644	ug/l	98
42) 1,2-Dichloroethane	6.086	62	83871	20.405	ug/l	98
43) Isopropyl Acetate	6.342	43	126891	20.140	ug/l	100
44) Trichloroethene	7.123	130	51783	19.621	ug/l	97
45) 1,2-Dichloropropane	7.433	63	54765	20.327	ug/l	98
46) Dibromomethane	7.580	93	37305	20.125	ug/l	98
47) Bromodichloromethane	7.824	83	75550	22.064	ug/l	98
48) Methyl methacrylate	7.696	41	68684	22.198	ug/l	96
49) 1,4-Dioxane	7.696	88	29672	465.332	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	478148	128.229	ug/l	98
52) Toluene	8.720	92	148744	22.065	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	74544	20.237	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	89235	22.137	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	57761	22.639	ug/l	95
56) Ethyl methacrylate	9.116	69	93688	23.437	ug/l	94
57) 1,3-Dichloropropane	9.311	76	91844	20.327	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	267225	131.289	ug/l	99
59) 2-Hexanone	9.427	43	309363	109.689	ug/l	97
60) Dibromochloromethane	9.518	129	45666	18.789	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52562	19.812	ug/l	97
64) Tetrachloroethene	9.275	164	46067	19.719	ug/l	98
65) Chlorobenzene	10.079	112	134146	19.750	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	45813	19.616	ug/l	99
67) Ethyl Benzene	10.195	91	248884	20.228	ug/l	99
68) m/p-Xylenes	10.299	106	188471	40.099	ug/l	98
69) o-Xylene	10.640	106	91759	19.929	ug/l	99
70) Styrene	10.659	104	149464	20.335	ug/l	99
71) Bromoform	10.799	173	28638	18.029	ug/l #	98
73) Isopropylbenzene	10.963	105	233287	20.188	ug/l	100
74) N-amyl acetate	10.841	43	109919	21.156	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	81487	21.515	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64496m	20.290	ug/l	
77) Bromobenzene	11.195	156	56104	19.594	ug/l	100
78) n-propylbenzene	11.305	91	268551	20.117	ug/l	99
79) 2-Chlorotoluene	11.366	91	170005	20.170	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	194764	20.158	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15327	14.450	ug/l #	72
82) 4-Chlorotoluene	11.457	91	195155	19.939	ug/l	99
83) tert-Butylbenzene	11.713	119	183179	20.190	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	196311	19.980	ug/l	98
85) sec-Butylbenzene	11.890	105	222788	20.184	ug/l	98
86) p-Isopropyltoluene	12.012	119	184142	20.007	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	103444	19.838	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	105313	19.337	ug/l	99
89) n-Butylbenzene	12.329	91	155317	19.315	ug/l	98
90) Hexachloroethane	12.536	117	26695	18.720	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	105661	20.232	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15880	20.087	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	58315	19.743	ug/l	99
94) Hexachlorobutadiene	13.725	225	21594	16.622	ug/l	98
95) Naphthalene	13.774	128	214366	20.425	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	59087	19.836	ug/l	98

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

