

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031030.D
 Acq On : 01 Sep 2022 19:22
 Operator : JC/MD
 Sample : VX0901WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901WBS01

Quant Time: Sep 02 02:55:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	186213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	305731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123239	51.436	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.880%			
35) Dibromofluoromethane	5.391	113	118728	53.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.420%			
50) Toluene-d8	8.653	98	439015	53.464	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.920%			
62) 4-Bromofluorobenzene	11.085	95	164693	56.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38716	20.206	ug/l	99
3) Chloromethane	1.288	50	29856	17.634	ug/l	97
4) Vinyl Chloride	1.374	62	39351	19.661	ug/l	98
5) Bromomethane	1.605	94	15906	17.776	ug/l	96
6) Chloroethane	1.678	64	22704	18.194	ug/l	95
7) Trichlorofluoromethane	1.886	101	69489	20.546	ug/l	100
8) Diethyl Ether	2.136	74	24209	20.524	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	45505	20.313	ug/l	94
10) Methyl Iodide	2.453	142	34352	17.831	ug/l	99
11) Tert butyl alcohol	2.983	59	60719	113.696	ug/l	98
12) 1,1-Dichloroethene	2.319	96	43955	20.319	ug/l	98
13) Acrolein	2.239	56	42612	97.188	ug/l	99
14) Allyl chloride	2.666	41	58154	20.242	ug/l #	95
15) Acrylonitrile	3.068	53	119410	106.298	ug/l	97
16) Acetone	2.392	43	97424	105.327	ug/l	89
17) Carbon Disulfide	2.508	76	109031	19.407	ug/l	97
18) Methyl Acetate	2.709	43	57423	21.604	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	139552	20.947	ug/l	93
20) Methylene Chloride	2.794	84	49921	20.905	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	48913	20.320	ug/l	93
22) Diisopropyl ether	3.769	45	125273	21.640	ug/l #	84
23) Vinyl Acetate	3.727	43	499642	106.856	ug/l #	91
24) 1,1-Dichloroethane	3.617	63	78699	20.176	ug/l	99
25) 2-Butanone	4.568	43	154968	108.522	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	55796	17.925	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	56916	21.096	ug/l	92
28) Bromochloromethane	4.910	49	22756	19.691	ug/l #	70
29) Tetrahydrofuran	5.019	42	97471	105.876	ug/l #	81
30) Chloroform	5.105	83	87517	20.459	ug/l	99
31) Cyclohexane	5.476	56	66048	20.179	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	77233	21.063	ug/l	94
36) 1,1-Dichloropropene	5.702	75	61513	19.683	ug/l	97
37) Ethyl Acetate	4.739	43	59660	21.972	ug/l #	94
38) Carbon Tetrachloride	5.678	117	68497	21.116	ug/l	99
39) Methylcyclohexane	7.379	83	79023	20.403	ug/l	92
40) Benzene	6.050	78	193543	21.571	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	31914	22.045	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	61762	20.867	ug/l	97
43) Isopropyl Acetate	6.348	43	91729	21.615	ug/l #	92
44) Trichloroethene	7.129	130	56410	19.863	ug/l	97
45) 1,2-Dichloropropane	7.433	63	49113	21.355	ug/l	95
46) Dibromomethane	7.586	93	37039	21.518	ug/l	89
47) Bromodichloromethane	7.824	83	68621	21.338	ug/l	97
48) Methyl methacrylate	7.696	41	45415	21.198	ug/l #	86
49) 1,4-Dioxane	7.683	88	28023	430.034	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	295521	108.325	ug/l	89
52) Toluene	8.726	92	129671	22.285	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	66173	20.782	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	74117	20.817	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	52277	21.133	ug/l	96
56) Ethyl methacrylate	9.122	69	71832	21.241	ug/l	86
57) 1,3-Dichloropropane	9.311	76	82891	21.193	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	173459	102.717	ug/l	94
59) 2-Hexanone	9.433	43	232156	112.531	ug/l	90
60) Dibromochloromethane	9.525	129	53620	20.875	ug/l	98
61) 1,2-Dibromoethane	9.610	107	57603	22.057	ug/l	100
64) Tetrachloroethene	9.275	164	58359	21.516	ug/l	94
65) Chlorobenzene	10.079	112	135781	20.928	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	50734	21.177	ug/l	98
67) Ethyl Benzene	10.195	91	234653	21.111	ug/l	99
68) m/p-Xylenes	10.305	106	187296	42.964	ug/l	99
69) o-Xylene	10.646	106	93835	21.948	ug/l	97
70) Styrene	10.658	104	151838	21.945	ug/l	100
71) Bromoform	10.799	173	41304	22.173	ug/l #	98
73) Isopropylbenzene	10.963	105	243785	20.549	ug/l	99
74) N-amyl acetate	10.841	43	80572	22.500	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	74004	19.507	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67173m	19.308	ug/l	
77) Bromobenzene	11.201	156	61934	20.248	ug/l	89
78) n-propylbenzene	11.305	91	282008	20.871	ug/l	99
79) 2-Chlorotoluene	11.366	91	168319	20.230	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	200433	20.076	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22041	19.911	ug/l	99
82) 4-Chlorotoluene	11.457	91	180862	19.428	ug/l	98
83) tert-Butylbenzene	11.719	119	195014	19.626	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	205769	20.737	ug/l	99
85) sec-Butylbenzene	11.890	105	273538	21.017	ug/l	100
86) p-Isopropyltoluene	12.012	119	221008	21.442	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	120428	20.555	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	125147	21.448	ug/l	97
89) n-Butylbenzene	12.335	91	185081	19.915	ug/l	96
90) Hexachloroethane	12.542	117	36974	19.794	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	126833	21.107	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19230	20.804	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	78455	20.629	ug/l	98
94) Hexachlorobutadiene	13.725	225	31719	19.049	ug/l	97
95) Naphthalene	13.780	128	284471	21.325	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	76476	19.170	ug/l	97

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

