

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031839.D
 Acq On : 03 Oct 2022 17:29
 Operator : JC/MD
 Sample : VX1003WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBSD01

Quant Time: Oct 04 07:04:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	92922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83506	50.161	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	5.385	113	79913	49.716	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.440%			
50) Toluene-d8	8.647	98	292886	50.935	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.880%			
62) 4-Bromofluorobenzene	11.079	95	106985	51.666	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24034	20.007	ug/l	97
3) Chloromethane	1.288	50	23318	18.517	ug/l	99
4) Vinyl Chloride	1.374	62	28695	17.888	ug/l	97
5) Bromomethane	1.611	94	24473	20.734	ug/l	100
6) Chloroethane	1.691	64	26253	18.240	ug/l	96
7) Trichlorofluoromethane	1.886	101	56648	17.304	ug/l	98
8) Diethyl Ether	2.130	74	18958	19.733	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	25675	18.155	ug/l	89
10) Methyl Iodide	2.453	142	23190	17.469	ug/l	100
11) Tert butyl alcohol	3.001	59	25099m	108.292	ug/l	
12) 1,1-Dichloroethene	2.319	96	23907	18.410	ug/l #	81
13) Acrolein	2.239	56	12017	87.575	ug/l	99
14) Allyl chloride	2.666	41	28538	17.217	ug/l #	92
15) Acrylonitrile	3.068	53	56688	93.636	ug/l	99
16) Acetone	2.392	43	46288	110.182	ug/l #	89
17) Carbon Disulfide	2.514	76	59579	18.143	ug/l	100
18) Methyl Acetate	2.709	43	29539	18.969	ug/l #	82
19) Methyl tert-butyl Ether	3.111	73	80411	19.021	ug/l	97
20) Methylene Chloride	2.788	84	27348	18.778	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	27119	17.814	ug/l	90
22) Diisopropyl ether	3.757	45	66058	18.795	ug/l #	84
23) Vinyl Acetate	3.721	43	254576	96.830	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	43147	18.267	ug/l	93
25) 2-Butanone	4.562	43	73174	95.792	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	33969	16.845	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	32106	18.138	ug/l	82
28) Bromochloromethane	4.897	49	17211	18.029	ug/l #	57
29) Tetrahydrofuran	5.013	42	46136	97.818	ug/l #	76
30) Chloroform	5.092	83	52128	18.448	ug/l	99
31) Cyclohexane	5.464	56	36443	18.381	ug/l #	84
32) 1,1,1-Trichloroethane	5.385	97	47263	17.626	ug/l	94
36) 1,1-Dichloropropene	5.696	75	36025	18.075	ug/l	95
37) Ethyl Acetate	4.715	43	29167	19.333	ug/l #	93
38) Carbon Tetrachloride	5.678	117	44232	17.877	ug/l	98
39) Methylcyclohexane	7.379	83	45906	18.775	ug/l	87
40) Benzene	6.037	78	106463	18.491	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15065	18.376	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	37921	18.800	ug/l	94
43) Isopropyl Acetate	6.342	43	45722	18.743	ug/l #	89
44) Trichloroethene	7.129	130	34565	18.582	ug/l	80
45) 1,2-Dichloropropane	7.427	63	24545	18.196	ug/l	98
46) Dibromomethane	7.580	93	21772	19.365	ug/l #	85
47) Bromodichloromethane	7.818	83	41609	18.491	ug/l	99
48) Methyl methacrylate	7.696	41	21436	19.637	ug/l #	83
49) 1,4-Dioxane	7.714	88	14679	414.886	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	152426	99.545	ug/l	90
52) Toluene	8.720	92	74857	18.545	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	39107	18.226	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	43340	18.433	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	31555	19.613	ug/l	95
56) Ethyl methacrylate	9.116	69	38516	20.704	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	48488	19.406	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	93023	97.038	ug/l #	83
59) 2-Hexanone	9.433	43	113374	101.847	ug/l	89
60) Dibromochloromethane	9.519	129	36969	18.928	ug/l	99
61) 1,2-Dibromoethane	9.610	107	35475	19.857	ug/l	100
64) Tetrachloroethene	9.275	164	35604	18.585	ug/l	95
65) Chlorobenzene	10.079	112	87433	18.818	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32927	18.412	ug/l	96
67) Ethyl Benzene	10.195	91	142179	18.590	ug/l	96
68) m/p-Xylenes	10.299	106	120633	38.205	ug/l	93
69) o-Xylene	10.640	106	58247	19.148	ug/l	93
70) Styrene	10.652	104	96467	19.510	ug/l	95
71) Bromoform	10.799	173	27360	18.192	ug/l #	99
73) Isopropylbenzene	10.963	105	151466	18.486	ug/l	99
74) N-amyl acetate	10.841	43	38273	19.945	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	44969	19.282	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39545m	18.738	ug/l	
77) Bromobenzene	11.195	156	40513	18.747	ug/l	85
78) n-propylbenzene	11.305	91	169163	18.890	ug/l	96
79) 2-Chlorotoluene	11.366	91	101592	18.775	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	130391	19.058	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	11118	18.085	ug/l	97
82) 4-Chlorotoluene	11.457	91	117306	18.782	ug/l	94
83) tert-Butylbenzene	11.713	119	129865	18.779	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	132128	19.404	ug/l	98
85) sec-Butylbenzene	11.890	105	159400	19.147	ug/l	98
86) p-Isopropyltoluene	12.012	119	140816	19.382	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	76781	18.830	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	80948	19.007	ug/l	96
89) n-Butylbenzene	12.335	91	107100	18.663	ug/l	97
90) Hexachloroethane	12.536	117	22462	17.138	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	78226	19.156	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9647	19.671	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	48830	19.538	ug/l	98
94) Hexachlorobutadiene	13.725	225	19459	18.921	ug/l	97
95) Naphthalene	13.774	128	159334	20.467	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48836	20.151	ug/l	97

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

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