

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032056.D
 Acq On : 12 Oct 2022 03:09
 Operator : JC/MD
 Sample : VX1011WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2022
 Supervised By : Mahesh Dadoda 10/12/2022

Quant Time: Oct 12 06:20:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	67166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76081	54.848	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.700%			
35) Dibromofluoromethane	5.385	113	60206	50.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.360%			
50) Toluene-d8	8.647	98	218476	51.109	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.220%			
62) 4-Bromofluorobenzene	11.079	95	82426	54.542	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21154	21.163	ug/l	97
3) Chloromethane	1.288	50	19693	18.814	ug/l	98
4) Vinyl Chloride	1.374	62	22604	18.479	ug/l	96
5) Bromomethane	1.611	94	17132	19.421	ug/l	99
6) Chloroethane	1.685	64	19701	18.926	ug/l	100
7) Trichlorofluoromethane	1.886	101	43163	19.630	ug/l	98
8) Diethyl Ether	2.136	74	14580	19.453	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	21236	19.107	ug/l	94
10) Methyl Iodide	2.453	142	17975	17.774	ug/l	96
11) Tert butyl alcohol	2.989	59	20658	119.700	ug/l	97
12) 1,1-Dichloroethene	2.319	96	19336	18.900	ug/l	93
13) Acrolein	2.239	56	8968	79.491	ug/l	98
14) Allyl chloride	2.666	41	29492	20.259	ug/l	97
15) Acrylonitrile	3.068	53	56382	102.483	ug/l	99
16) Acetone	2.392	43	48364	102.590	ug/l	100
17) Carbon Disulfide	2.514	76	38155	17.367	ug/l	97
18) Methyl Acetate	2.709	43	34148	21.953	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	70538	20.546	ug/l	99
20) Methylene Chloride	2.788	84	22998	18.564	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	20758	18.322	ug/l	96
22) Diisopropyl ether	3.757	45	69575	21.260	ug/l #	86
23) Vinyl Acetate	3.721	43	266915	109.115	ug/l	99
24) 1,1-Dichloroethane	3.611	63	40724	20.760	ug/l	98
25) 2-Butanone	4.568	43	76793	104.204	ug/l	97
26) 2,2-Dichloropropane	4.471	77	22378	15.882	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	25301	18.663	ug/l	91
28) Bromochloromethane	4.897	49	18493	22.024	ug/l	92
29) Tetrahydrofuran	5.013	42	47481	99.855	ug/l	95
30) Chloroform	5.099	83	45616	20.876	ug/l	96
31) Cyclohexane	5.470	56	32002	19.312	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	38185	20.564	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30190	19.164	ug/l	98
37) Ethyl Acetate	4.714	43	30205	20.366	ug/l	99
38) Carbon Tetrachloride	5.678	117	32891	20.420	ug/l	97
39) Methylcyclohexane	7.379	83	35621	18.957	ug/l	94
40) Benzene	6.037	78	90413	19.600	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16528	21.431	ug/l	95
42) 1,2-Dichloroethane	6.092	62	36685	21.824	ug/l	100
43) Isopropyl Acetate	6.342	43	48750	21.665	ug/l	99
44) Trichloroethene	7.129	130	24738	18.290	ug/l	96
45) 1,2-Dichloropropane	7.434	63	23060	20.342	ug/l	96
46) Dibromomethane	7.580	93	17539	19.963	ug/l	96
47) Bromodichloromethane	7.824	83	32507	21.419	ug/l	97
48) Methyl methacrylate	7.696	41	24381	22.675	ug/l	97
49) 1,4-Dioxane	7.696	88	9744	356.088	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	164869	110.564	ug/l	99
52) Toluene	8.720	92	59811	19.831	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	29096	18.586	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	32742	19.921	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	24997	19.637	ug/l	96
56) Ethyl methacrylate	9.116	69	34400	21.082	ug/l	98
57) 1,3-Dichloropropane	9.311	76	41419	20.248	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	86661	102.887	ug/l	98
59) 2-Hexanone	9.433	43	121216	110.247	ug/l	99
60) Dibromochloromethane	9.525	129	24224	20.794	ug/l	100
61) 1,2-Dibromoethane	9.610	107	25718	20.090	ug/l	98
64) Tetrachloroethene	9.275	164	24338	18.737	ug/l	97
65) Chlorobenzene	10.079	112	63478	18.209	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	23882	19.798	ug/l	99
67) Ethyl Benzene	10.195	91	114099	19.347	ug/l	98
68) m/p-Xylenes	10.305	106	88903	37.934	ug/l	98
69) o-Xylene	10.640	106	43701	19.184	ug/l	98
70) Styrene	10.659	104	72731	19.972	ug/l	98
71) Bromoform	10.799	173	15489	19.614	ug/l #	99
73) Isopropylbenzene	10.963	105	117894	19.791	ug/l	96
74) N-amyl acetate	10.841	43	40434	22.228	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	37079	19.591	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	33271m	20.554	ug/l	
77) Bromobenzene	11.201	156	27810	18.953	ug/l	99
78) n-propylbenzene	11.305	91	133496	19.703	ug/l	99
79) 2-Chlorotoluene	11.366	91	81456	19.978	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	99327	20.105	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7235	18.315	ug/l #	76
82) 4-Chlorotoluene	11.457	91	94472	20.231	ug/l	99
83) tert-Butylbenzene	11.713	119	95562	19.544	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	99808	19.886	ug/l	98
85) sec-Butylbenzene	11.890	105	124118	20.503	ug/l	99
86) p-Isopropyltoluene	12.012	119	102293	20.070	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	53039	18.984	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	53723	18.681	ug/l	99
89) n-Butylbenzene	12.335	91	86364	20.234	ug/l	99
90) Hexachloroethane	12.542	117	15010	19.343	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	53110	19.120	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7471	21.565	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	32653	19.368	ug/l	98
94) Hexachlorobutadiene	13.725	225	13458	19.737	ug/l	98
95) Naphthalene	13.774	128	113788	19.697	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	33726	19.721	ug/l	98

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

