

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032839.D
 Acq On : 16 Nov 2022 02:43
 Operator : JC/MD
 Sample : VX1115WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1115WBS02

Quant Time: Nov 16 03:36:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	96678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68495	50.989	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.980%			
35) Dibromofluoromethane	5.385	113	57227	52.542	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	8.647	98	183970	48.575	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.160%			
62) 4-Bromofluorobenzene	11.079	95	74532	50.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	18488	16.581	ug/l	97
3) Chloromethane	1.295	50	15297	16.222	ug/l	99
4) Vinyl Chloride	1.374	62	17763	17.116	ug/l	95
5) Bromomethane	1.618	94	14428	17.397	ug/l	100
6) Chloroethane	1.691	64	16044	23.044	ug/l	98
7) Trichlorofluoromethane	1.892	101	36687	18.657	ug/l	99
8) Diethyl Ether	2.130	74	11884	18.649	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	19255	18.552	ug/l	97
10) Methyl Iodide	2.453	142	18671	17.470	ug/l	99
11) Tert butyl alcohol	2.989	59	17479m	89.398	ug/l	
12) 1,1-Dichloroethene	2.319	96	17567	18.119	ug/l	97
13) Acrolein	2.240	56	11138	57.063	ug/l	96
14) Allyl chloride	2.666	41	28233	18.267	ug/l	99
15) Acrylonitrile	3.069	53	46495	87.623	ug/l	98
16) Acetone	2.386	43	41099	84.179	ug/l	99
17) Carbon Disulfide	2.514	76	33474	14.495	ug/l	98
18) Methyl Acetate	2.703	43	31811	20.036	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	66847	19.617	ug/l	99
20) Methylene Chloride	2.788	84	21277	19.007	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	18825	17.838	ug/l	96
22) Diisopropyl ether	3.758	45	66679	19.946	ug/l #	87
23) Vinyl Acetate	3.721	43	242653	89.843	ug/l	99
24) 1,1-Dichloroethane	3.611	63	38076	19.802	ug/l	99
25) 2-Butanone	4.562	43	63644	84.139	ug/l	100
26) 2,2-Dichloropropane	4.471	77	26463	17.313	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	24141	19.790	ug/l	98
28) Bromochloromethane	4.898	49	12607	18.406	ug/l	98
29) Tetrahydrofuran	5.007	42	41233	85.486	ug/l	99
30) Chloroform	5.099	83	43136	20.444	ug/l	100
31) Cyclohexane	5.477	56	29295	17.986	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	37576	19.846	ug/l	98
36) 1,1-Dichloropropene	5.696	75	28640	18.883	ug/l	98
37) Ethyl Acetate	4.715	43	26257	16.631	ug/l	98
38) Carbon Tetrachloride	5.684	117	32489	19.313	ug/l	97
39) Methylcyclohexane	7.385	83	31158	17.363	ug/l	97
40) Benzene	6.038	78	83574	19.472	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15264	18.979	ug/l	97
42) 1,2-Dichloroethane	6.092	62	36191	20.627	ug/l	99
43) Isopropyl Acetate	6.342	43	43766	18.055	ug/l	99
44) Trichloroethene	7.129	130	23520	19.466	ug/l	96
45) 1,2-Dichloropropane	7.434	63	21997	19.965	ug/l	96
46) Dibromomethane	7.580	93	16794	19.875	ug/l	100
47) Bromodichloromethane	7.824	83	32455	20.266	ug/l	98
48) Methyl methacrylate	7.696	41	22364	17.864	ug/l	98
49) 1,4-Dioxane	7.702	88	8350	349.977	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	140302	91.889	ug/l	99
52) Toluene	8.720	92	54160	19.341	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30412	18.612	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	33448	19.139	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	23159	19.638	ug/l	98
56) Ethyl methacrylate	9.116	69	32363	19.069	ug/l	98
57) 1,3-Dichloropropane	9.305	76	37798	19.847	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	79542	97.337	ug/l	99
59) 2-Hexanone	9.433	43	100172	88.417	ug/l	100
60) Dibromochloromethane	9.519	129	25353	19.682	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24146	19.323	ug/l	99
64) Tetrachloroethene	9.275	164	20060	20.281	ug/l	97
65) Chlorobenzene	10.080	112	61143	20.199	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	23616	20.729	ug/l	99
67) Ethyl Benzene	10.195	91	109064	20.148	ug/l	98
68) m/p-Xylenes	10.299	106	82390	39.197	ug/l	98
69) o-Xylene	10.640	106	41455	20.284	ug/l	99
70) Styrene	10.653	104	69026	20.323	ug/l	99
71) Bromoform	10.799	173	17520	19.450	ug/l #	98
73) Isopropylbenzene	10.964	105	111502	19.947	ug/l	100
74) N-amyl acetate	10.842	43	38284	18.126	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	34556	19.259	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30164m	19.221	ug/l	
77) Bromobenzene	11.195	156	27753	20.252	ug/l	99
78) n-propylbenzene	11.305	91	124614	19.349	ug/l	100
79) 2-Chlorotoluene	11.366	91	77958	20.213	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	95937	20.081	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7646	15.503	ug/l	89
82) 4-Chlorotoluene	11.457	91	89182	19.761	ug/l	99
83) tert-Butylbenzene	11.713	119	97595	20.462	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	94348	19.856	ug/l	100
85) sec-Butylbenzene	11.890	105	112933	19.678	ug/l	99
86) p-Isopropyltoluene	12.006	119	94743	19.455	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	51077	19.759	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	51565	19.228	ug/l	99
89) n-Butylbenzene	12.335	91	78519	18.533	ug/l	99
90) Hexachloroethane	12.536	117	15056	18.928	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	51620	20.252	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6766	17.199	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	31150	18.743	ug/l	98
94) Hexachlorobutadiene	13.725	225	13415	19.327	ug/l	99
95) Naphthalene	13.774	128	102399	18.491	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	31908	18.887	ug/l	99

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

