

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032833.D
 Acq On : 15 Nov 2022 19:16
 Operator : JC/MD
 Sample : N5587-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INTERCEPTOR-SUMP-20221110MS

Quant Time: Nov 16 03:35:38 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	5.550	168	97906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70597	51.895	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.800%			
35) Dibromofluoromethane	5.385	113	58661	51.923	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.840%			
50) Toluene-d8	8.647	98	192113	48.903	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.800%			
62) 4-Bromofluorobenzene	11.079	95	82700	53.892	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42089	37.273	ug/l	99
3) Chloromethane	1.294	50	40644	42.561	ug/l	97
4) Vinyl Chloride	1.374	62	45131	42.942	ug/l	100
5) Bromomethane	1.618	94	39003	46.438	ug/l	97
6) Chloroethane	1.691	64	47089	66.786	ug/l	98
7) Trichlorofluoromethane	1.886	101	87518	43.948	ug/l	100
8) Diethyl Ether	2.136	74	31356	48.588	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	47180	44.888	ug/l	99
10) Methyl Iodide	2.453	142	56567	48.448	ug/l	99
11) Tert butyl alcohol	3.001	59	48027m	242.558	ug/l	
12) 1,1-Dichloroethene	2.319	96	45033	45.865	ug/l	94
13) Acrolein	2.239	56	48255	244.124	ug/l	100
14) Allyl chloride	2.666	41	75725	48.381	ug/l	98
15) Acrylonitrile	3.068	53	126643	235.675	ug/l	99
16) Acetone	2.392	43	110917	224.331	ug/l	100
17) Carbon Disulfide	2.514	76	90364	38.639	ug/l	99
18) Methyl Acetate	2.703	43	80278	49.929	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	180245	52.230	ug/l	98
20) Methylene Chloride	2.788	84	55686	49.121	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	51078	47.792	ug/l	98
22) Diisopropyl ether	3.757	45	182386	53.873	ug/l	90
23) Vinyl Acetate	3.721	43	643028	235.096	ug/l	100
24) 1,1-Dichloroethane	3.611	63	100988	51.860	ug/l	100
25) 2-Butanone	4.562	43	174058	227.224	ug/l	98
26) 2,2-Dichloropropane	4.477	77	74555	48.164	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	70336	56.935	ug/l	98
28) Bromochloromethane	4.897	49	33364	48.101	ug/l	100
29) Tetrahydrofuran	5.007	42	110906	227.051	ug/l	99
30) Chloroform	5.093	83	116856	54.688	ug/l	100
31) Cyclohexane	5.477	56	68388	41.461	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	99881	52.090	ug/l	99
36) 1,1-Dichloropropene	5.696	75	73670	46.826	ug/l	99
37) Ethyl Acetate	4.715	43	68388	41.761	ug/l	99
38) Carbon Tetrachloride	5.678	117	84430	48.385	ug/l	99
39) Methylcyclohexane	7.379	83	75654	40.643	ug/l	99
40) Benzene	6.037	78	223326	50.163	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	41598	49.864	ug/l	98
42) 1,2-Dichloroethane	6.086	62	95885	52.687	ug/l	99
43) Isopropyl Acetate	6.342	43	118405	47.091	ug/l	99
44) Trichloroethene	7.129	130	72345	57.724	ug/l	97
45) 1,2-Dichloropropane	7.427	63	59214	51.813	ug/l	98
46) Dibromomethane	7.580	93	44764	51.074	ug/l	99
47) Bromodichloromethane	7.824	83	91797	55.262	ug/l	99
48) Methyl methacrylate	7.690	41	62435	48.079	ug/l	99
49) 1,4-Dioxane	7.702	88	21133	853.929	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	383097	241.890	ug/l	100
52) Toluene	8.720	92	148807	51.231	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	90260	53.255	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	94313	52.026	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	65090	53.210	ug/l	98
56) Ethyl methacrylate	9.116	69	91639	52.057	ug/l	99
57) 1,3-Dichloropropane	9.305	76	104539	52.919	ug/l	100
59) 2-Hexanone	9.433	43	275536	234.465	ug/l	99
60) Dibromochloromethane	9.519	129	74405	55.687	ug/l	100
61) 1,2-Dibromoethane	9.610	107	68080	52.525	ug/l	99
64) Tetrachloroethene	9.275	164	51937	48.148	ug/l	98
65) Chlorobenzene	10.079	112	170331	51.595	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	67290	54.157	ug/l	99
67) Ethyl Benzene	10.195	91	301961	51.149	ug/l	99
68) m/p-Xylenes	10.299	106	234200	102.164	ug/l	100
69) o-Xylene	10.640	106	116580	52.305	ug/l	99
70) Styrene	10.659	104	199644	53.897	ug/l	99
71) Bromoform	10.799	173	53507	54.467	ug/l #	100
73) Isopropylbenzene	10.963	105	315279	48.453	ug/l	99
74) N-amyl acetate	10.841	43	109835	44.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	98711	47.261	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	86748m	47.485	ug/l	
77) Bromobenzene	11.195	156	77941	48.858	ug/l	98
78) n-propylbenzene	11.305	91	363381	48.471	ug/l	100
79) 2-Chlorotoluene	11.366	91	222280	49.509	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	273494	49.179	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24753	43.115	ug/l	94
82) 4-Chlorotoluene	11.457	91	259559	49.406	ug/l	100
83) tert-Butylbenzene	11.713	119	273744	49.304	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	271990	49.174	ug/l	100
85) sec-Butylbenzene	11.890	105	324360	48.552	ug/l	100
86) p-Isopropyltoluene	12.012	119	278915	49.201	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	148162	49.237	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	152718	48.920	ug/l	98
89) n-Butylbenzene	12.335	91	235720	47.797	ug/l	99
90) Hexachloroethane	12.536	117	45915	49.587	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	148787	50.145	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19320	42.188	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	89356	46.187	ug/l	99
94) Hexachlorobutadiene	13.725	225	36262	44.879	ug/l	99
95) Naphthalene	13.774	128	293766	45.570	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	90556	46.046	ug/l	100

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

