

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032834.D
 Acq On : 15 Nov 2022 19:39
 Operator : JC/MD
 Sample : N5587-14MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INTERCEPTOR-SUMP-20221110MSD

Quant Time: Nov 16 03:35:55 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	103096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73638	51.405	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.820%			
35) Dibromofluoromethane	5.385	113	61175	52.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.660%			
50) Toluene-d8	8.653	98	199036	49.429	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.079	95	85467	54.336	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	45537	38.297	ug/l	98
3) Chloromethane	1.294	50	40744	40.518	ug/l	96
4) Vinyl Chloride	1.374	62	47982	43.356	ug/l	99
5) Bromomethane	1.618	94	40714	46.035	ug/l	95
6) Chloroethane	1.691	64	47237	63.624	ug/l	100
7) Trichlorofluoromethane	1.886	101	93229	44.459	ug/l	99
8) Diethyl Ether	2.130	74	33287	48.984	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	49092	44.356	ug/l	99
10) Methyl Iodide	2.453	142	59638	48.505	ug/l	100
11) Tert butyl alcohol	3.014	59	48378m	232.031	ug/l	
12) 1,1-Dichloroethene	2.319	96	47697	46.132	ug/l	95
13) Acrolein	2.239	56	49547	238.041	ug/l	99
14) Allyl chloride	2.666	41	80814	49.034	ug/l	99
15) Acrylonitrile	3.069	53	134036	236.876	ug/l	99
16) Acetone	2.392	43	114583	220.079	ug/l	99
17) Carbon Disulfide	2.514	76	94736	38.470	ug/l	99
18) Methyl Acetate	2.703	43	86834	51.288	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	192314	52.922	ug/l	100
20) Methylene Chloride	2.788	84	58156	48.717	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	53367	47.420	ug/l	97
22) Diisopropyl ether	3.757	45	194413	54.535	ug/l	92
23) Vinyl Acetate	3.721	43	692433	240.414	ug/l	99
24) 1,1-Dichloroethane	3.611	63	106106	51.746	ug/l	100
25) 2-Butanone	4.562	43	184076	228.205	ug/l	98
26) 2,2-Dichloropropane	4.477	77	80499	49.386	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	73001	56.118	ug/l	99
28) Bromochloromethane	4.897	49	34635	47.420	ug/l	97
29) Tetrahydrofuran	5.007	42	117728	228.885	ug/l	100
30) Chloroform	5.093	83	122317	54.362	ug/l	97
31) Cyclohexane	5.471	56	72807	41.918	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	105605	52.303	ug/l	100
36) 1,1-Dichloropropene	5.696	75	78345	48.583	ug/l	99
37) Ethyl Acetate	4.715	43	73457	43.762	ug/l	99
38) Carbon Tetrachloride	5.678	117	90416	50.551	ug/l	98
39) Methylcyclohexane	7.385	83	80112	41.988	ug/l	96
40) Benzene	6.037	78	231489	50.727	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43700	51.105	ug/l	97
42) 1,2-Dichloroethane	6.086	62	100513	53.882	ug/l	100
43) Isopropyl Acetate	6.342	43	126454	49.065	ug/l	99
44) Trichloroethene	7.129	130	77172	60.073	ug/l	99
45) 1,2-Dichloropropane	7.434	63	62264	53.152	ug/l	94
46) Dibromomethane	7.580	93	46529	51.792	ug/l	99
47) Bromodichloromethane	7.824	83	96650	56.764	ug/l	98
48) Methyl methacrylate	7.696	41	66051	49.622	ug/l	99
49) 1,4-Dioxane	7.714	88	22638	892.423	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	402790	248.119	ug/l	100
52) Toluene	8.720	92	156383	52.525	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	94904	54.629	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	99180	53.376	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	67768	54.047	ug/l	98
56) Ethyl methacrylate	9.116	69	97505	54.038	ug/l	98
57) 1,3-Dichloropropane	9.305	76	108279	53.475	ug/l	99
59) 2-Hexanone	9.433	43	288936	239.868	ug/l	100
60) Dibromochloromethane	9.519	129	76765	56.052	ug/l	99
61) 1,2-Dibromoethane	9.610	107	70006	52.693	ug/l	100
64) Tetrachloroethene	9.275	164	53769	48.928	ug/l	99
65) Chlorobenzene	10.079	112	176392	52.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	70196	55.456	ug/l	99
67) Ethyl Benzene	10.195	91	312413	51.945	ug/l	100
68) m/p-Xylenes	10.299	106	243612	104.312	ug/l	99
69) o-Xylene	10.640	106	121165	53.361	ug/l	99
70) Styrene	10.653	104	204908	54.300	ug/l	99
71) Bromoform	10.799	173	55239	55.195	ug/l #	100
73) Isopropylbenzene	10.963	105	325034	50.276	ug/l	100
74) N-amyl acetate	10.842	43	114965	47.064	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	102840	49.558	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	91012m	50.142	ug/l	
77) Bromobenzene	11.201	156	80534	50.812	ug/l	99
78) n-propylbenzene	11.305	91	370638	49.760	ug/l	100
79) 2-Chlorotoluene	11.366	91	226897	50.865	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	279690	50.620	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26811	47.003	ug/l	97
82) 4-Chlorotoluene	11.457	91	265650	50.894	ug/l	99
83) tert-Butylbenzene	11.713	119	283709	51.431	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	279871	50.927	ug/l	100
85) sec-Butylbenzene	11.890	105	331367	49.923	ug/l	100
86) p-Isopropyltoluene	12.012	119	282299	50.122	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	153697	51.408	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	156584	50.484	ug/l	99
89) n-Butylbenzene	12.329	91	240647	49.113	ug/l	100
90) Hexachloroethane	12.536	117	46423	50.462	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	151673	51.450	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20455	44.957	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	91170	47.431	ug/l	100
94) Hexachlorobutadiene	13.725	225	37366	46.546	ug/l	99
95) Naphthalene	13.774	128	306620	47.873	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	92887	47.539	ug/l	99

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

