

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032807.D
 Acq On : 14 Nov 2022 20:04
 Operator : JC/MD
 Sample : N5587-14MSD 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 INTERCEPTOR-SUMP-20221110MSD

Quant Time: Nov 15 05:10:41 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 11/15/2022
 Supervised By : Mahesh Dadoda 11/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	96548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66450	49.534	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.060%		
35) Dibromofluoromethane	5.391	113	56396	51.677	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.360%		
50) Toluene-d8	8.647	98	184971	48.744	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.480%		
62) 4-Bromofluorobenzene	11.079	95	75863	51.178	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	49507	44.459	ug/l	98
3) Chloromethane	1.294	50	40471	42.976	ug/l	100
4) Vinyl Chloride	1.374	62	47645	45.971	ug/l	99
5) Bromomethane	1.618	94	39716	47.952	ug/l	96
6) Chloroethane	1.691	64	47909	68.905	ug/l	95
7) Trichlorofluoromethane	1.886	101	102421	52.155	ug/l	100
8) Diethyl Ether	2.136	74	32017	50.311	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	52759	50.902	ug/l	98
10) Methyl Iodide	2.453	142	55682	48.364	ug/l	99
11) Tert butyl alcohol	3.093	59	47395m	242.733	ug/l	
12) 1,1-Dichloroethene	2.319	96	48265	49.848	ug/l	96
13) Acrolein	2.239	56	52596	269.828	ug/l	99
14) Allyl chloride	2.666	41	78985	51.174	ug/l	99
15) Acrylonitrile	3.069	53	129242	243.894	ug/l	99
16) Acetone	2.392	43	111676	229.043	ug/l	100
17) Carbon Disulfide	2.514	76	103574	44.911	ug/l	99
18) Methyl Acetate	2.709	43	85476	53.910	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	186937	54.931	ug/l	99
20) Methylene Chloride	2.788	84	56449	50.495	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	53221	50.497	ug/l	99
22) Diisopropyl ether	3.757	45	186926	55.991	ug/l	90
23) Vinyl Acetate	3.721	43	689051	255.466	ug/l	100
24) 1,1-Dichloroethane	3.611	63	102129	53.184	ug/l	98
25) 2-Butanone	4.562	43	176631	233.826	ug/l	99
26) 2,2-Dichloropropane	4.477	77	77646	50.866	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	66429	54.529	ug/l	100
28) Bromochloromethane	4.897	49	34085	49.832	ug/l	99
29) Tetrahydrofuran	5.013	42	113734	236.116	ug/l	100
30) Chloroform	5.093	83	118055	56.027	ug/l	99
31) Cyclohexane	5.477	56	79543	48.903	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	106543	56.346	ug/l	100
36) 1,1-Dichloropropene	5.696	75	78144	51.420	ug/l	100
37) Ethyl Acetate	4.715	43	72189	45.635	ug/l	99
38) Carbon Tetrachloride	5.678	117	93270	55.334	ug/l	99
39) Methylcyclohexane	7.379	83	86226	47.955	ug/l	97
40) Benzene	6.037	78	226837	52.746	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42059	52.192	ug/l	98
42) 1,2-Dichloroethane	6.086	62	96966	55.158	ug/l	100
43) Isopropyl Acetate	6.342	43	123715	50.936	ug/l	99
44) Trichloroethene	7.129	130	63734	52.645	ug/l	95
45) 1,2-Dichloropropane	7.428	63	60167	54.501	ug/l	99
46) Dibromomethane	7.580	93	44966	53.111	ug/l	97
47) Bromodichloromethane	7.818	83	94259	58.743	ug/l	96
48) Methyl methacrylate	7.696	41	62453	49.787	ug/l	99
49) 1,4-Dioxane	7.720	88	22280	931.993	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	380346	248.614	ug/l	99
52) Toluene	8.720	92	152901	54.495	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	92456	56.473	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	97310	55.571	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	65827	55.708	ug/l	99
56) Ethyl methacrylate	9.116	69	90883	53.446	ug/l	100
57) 1,3-Dichloropropane	9.311	76	103414	54.194	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	57555	70.293	ug/l	99
59) 2-Hexanone	9.433	43	269069	237.028	ug/l	100
60) Dibromochloromethane	9.519	129	76377	59.177	ug/l	99
61) 1,2-Dibromoethane	9.610	107	68342	54.585	ug/l	98
64) Tetrachloroethene	9.275	164	53657	52.522	ug/l	96
65) Chlorobenzene	10.079	112	168977	54.044	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	68551	58.255	ug/l	98
67) Ethyl Benzene	10.195	91	304816	54.518	ug/l	99
68) m/p-Xylenes	10.299	106	236178	108.783	ug/l	99
69) o-Xylene	10.640	106	116691	55.280	ug/l	99
70) Styrene	10.653	104	195784	55.808	ug/l	99
71) Bromoform	10.799	173	55303	59.441	ug/l #	100
73) Isopropylbenzene	10.963	105	317205	53.724	ug/l	100
74) N-amyl acetate	10.848	43	108643	48.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	95536	50.409	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84163m	50.771	ug/l	
77) Bromobenzene	11.201	156	77188	53.324	ug/l	99
78) n-propylbenzene	11.305	91	363779	53.476	ug/l	99
79) 2-Chlorotoluene	11.366	91	216928	53.247	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	271603	53.823	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26414	50.703	ug/l	99
82) 4-Chlorotoluene	11.457	91	253775	53.235	ug/l	99
83) tert-Butylbenzene	11.713	119	274764	54.538	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	268321	53.461	ug/l	99
85) sec-Butylbenzene	11.890	105	322477	53.196	ug/l	100
86) p-Isopropyltoluene	12.012	119	276814	53.814	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	146363	53.603	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	146686	51.783	ug/l	98
89) n-Butylbenzene	12.335	91	232871	52.038	ug/l	99
90) Hexachloroethane	12.536	117	47876	56.982	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	143683	53.367	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19659	47.310	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	89038	50.719	ug/l	98
94) Hexachlorobutadiene	13.725	225	36934	50.376	ug/l	99
95) Naphthalene	13.774	128	287457	49.142	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	90801	50.883	ug/l	100

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

