

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031692.D
 Acq On : 27 Sep 2022 10:52
 Operator : JC/MD
 Sample : VX0927WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 06:28:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	68086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	107299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71955	49.794	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.580%		
35) Dibromofluoromethane	5.385	113	60281	47.150	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.300%		
50) Toluene-d8	8.653	98	219890	47.441	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.880%		
62) 4-Bromofluorobenzene	11.079	95	84198	49.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15496	18.701	ug/l	99
3) Chloromethane	1.288	50	16884	21.276	ug/l	98
4) Vinyl Chloride	1.374	62	21797	19.114	ug/l	94
5) Bromomethane	1.611	94	23794	19.738	ug/l	100
6) Chloroethane	1.685	64	23361	16.436	ug/l	97
7) Trichlorofluoromethane	1.886	101	53219	16.918	ug/l	100
8) Diethyl Ether	2.136	74	17113	19.060	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	17631	19.481	ug/l	92
10) Methyl Iodide	2.453	142	18842	21.240	ug/l	99
11) Tert butyl alcohol	2.995	59	19759	87.619	ug/l	95
12) 1,1-Dichloroethene	2.319	96	15571	20.773	ug/l	86
13) Acrolein	2.239	56	8703	81.599	ug/l	96
14) Allyl chloride	2.666	41	23701	19.904	ug/l	91
15) Acrylonitrile	3.068	53	50879	101.451	ug/l	99
16) Acetone	2.392	43	40182	109.400	ug/l	98
17) Carbon Disulfide	2.508	76	31310	19.715	ug/l	100
18) Methyl Acetate	2.703	43	26227	20.197	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	66039	20.547	ug/l	97
20) Methylene Chloride	2.788	84	20619	21.602	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	19794	19.783	ug/l	94
22) Diisopropyl ether	3.757	45	59608	19.450	ug/l #	80
23) Vinyl Acetate	3.721	43	241966	99.833	ug/l	95
24) 1,1-Dichloroethane	3.611	63	36331	20.563	ug/l	95
25) 2-Butanone	4.568	43	69475	100.723	ug/l	94
26) 2,2-Dichloropropane	4.477	77	28822	20.099	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	24990	20.394	ug/l	88
28) Bromochloromethane	4.897	49	17138	20.735	ug/l #	81
29) Tetrahydrofuran	5.013	42	43248	99.808	ug/l #	85
30) Chloroform	5.092	83	44888	20.652	ug/l	93
31) Cyclohexane	5.477	56	28744	20.920	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	38339	21.297	ug/l	99
36) 1,1-Dichloropropene	5.696	75	29044	19.781	ug/l	97
37) Ethyl Acetate	4.714	43	28063	18.949	ug/l	98
38) Carbon Tetrachloride	5.678	117	32875	19.868	ug/l	97
39) Methylcyclohexane	7.379	83	33758	20.180	ug/l	89
40) Benzene	6.037	78	87407	19.383	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	14267	18.932	ug/l	87
42) 1,2-Dichloroethane	6.086	62	34378	19.712	ug/l	97
43) Isopropyl Acetate	6.342	43	43921	18.843	ug/l	97
44) Trichloroethene	7.123	130	25298	19.862	ug/l	92
45) 1,2-Dichloropropane	7.427	63	21538	19.680	ug/l	94
46) Dibromomethane	7.580	93	17573	19.994	ug/l	92
47) Bromodichloromethane	7.824	83	31573	19.907	ug/l	98
48) Methyl methacrylate	7.696	41	20389	19.890	ug/l	86
49) 1,4-Dioxane	7.702	88	11385	433.022	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	147430	99.927	ug/l	95
52) Toluene	8.720	92	60260	20.047	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	30993	18.166	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	32955	19.994	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	26379	20.383	ug/l	93
56) Ethyl methacrylate	9.116	69	33236	20.072	ug/l	92
57) 1,3-Dichloropropane	9.311	76	40756	19.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	80401	98.609	ug/l	92
59) 2-Hexanone	9.433	43	110545	100.423	ug/l	94
60) Dibromochloromethane	9.525	129	25296	17.765	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26906	20.480	ug/l	98
64) Tetrachloroethene	9.275	164	24819	19.066	ug/l	97
65) Chlorobenzene	10.079	112	66815	19.693	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	24351	19.947	ug/l	98
67) Ethyl Benzene	10.195	91	117432	20.346	ug/l	98
68) m/p-Xylenes	10.305	106	93517	40.325	ug/l	100
69) o-Xylene	10.640	106	46945	20.710	ug/l	97
70) Styrene	10.659	104	77938	21.123	ug/l	97
71) Bromoform	10.799	173	17198	17.886	ug/l #	100
73) Isopropylbenzene	10.963	105	123791	21.168	ug/l	98
74) N-amyl acetate	10.848	43	38692	20.397	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	38879	20.923	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34415m	20.993	ug/l	
77) Bromobenzene	11.201	156	29934	20.135	ug/l	95
78) n-propylbenzene	11.305	91	140372	21.571	ug/l	98
79) 2-Chlorotoluene	11.366	91	84765	21.094	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	105850	21.352	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8407	19.434	ug/l #	85
82) 4-Chlorotoluene	11.457	91	99191	21.366	ug/l	99
83) tert-Butylbenzene	11.713	119	104203	21.798	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	106646	21.734	ug/l	99
85) sec-Butylbenzene	11.890	105	129289	21.281	ug/l	100
86) p-Isopropyltoluene	12.012	119	109356	20.873	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	58788	20.398	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	60622	20.095	ug/l	100
89) n-Butylbenzene	12.335	91	90288	21.096	ug/l	99
90) Hexachloroethane	12.536	117	16875	20.087	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	60288	20.888	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7714	20.717	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	34723	20.573	ug/l	98
94) Hexachlorobutadiene	13.725	225	12884	19.576	ug/l	95
95) Naphthalene	13.774	128	123518	21.909	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36343	20.981	ug/l	94

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

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