

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX030996.D
 Acq On : 31 Aug 2022 23:22
 Operator : JC/MD
 Sample : VX0831WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 02:38:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	194229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	320788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	120732	43.338	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.680%		
35) Dibromofluoromethane	5.397	113	108815	46.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.040%		
50) Toluene-d8	8.653	98	407797	46.567	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.140%		
62) 4-Bromofluorobenzene	11.079	95	143337	45.963	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	33202	16.158	ug/l	99
3) Chloromethane	1.288	50	31331	15.129	ug/l	98
4) Vinyl Chloride	1.374	62	39210	16.026	ug/l	96
5) Bromomethane	1.612	94	16678	19.519	ug/l	97
6) Chloroethane	1.685	64	22284	15.148	ug/l	95
7) Trichlorofluoromethane	1.886	101	66536	17.881	ug/l	90
8) Diethyl Ether	2.136	74	24330	16.942	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	44178	18.462	ug/l	96
10) Methyl Iodide	2.453	142	42786	21.947	ug/l	98
11) Tert butyl alcohol	2.989	59	65430	99.134	ug/l	98
12) 1,1-Dichloroethene	2.319	96	43940	18.615	ug/l	98
13) Acrolein	2.239	56	27479	86.902	ug/l	91
14) Allyl chloride	2.666	41	60162	15.710	ug/l	96
15) Acrylonitrile	3.069	53	126024	86.469	ug/l	99
16) Acetone	2.392	43	103216	82.092	ug/l	95
17) Carbon Disulfide	2.514	76	105490	16.933	ug/l	100
18) Methyl Acetate	2.709	43	63396	17.188	ug/l #	90
19) Methyl tert-butyl Ether	3.117	73	141780	18.441	ug/l	93
20) Methylene Chloride	2.788	84	50474	17.657	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	46373	18.118	ug/l	98
22) Diisopropyl ether	3.770	45	126733	16.060	ug/l #	83
23) Vinyl Acetate	3.727	43	552982	87.349	ug/l	100
24) 1,1-Dichloroethane	3.611	63	81050	17.539	ug/l	99
25) 2-Butanone	4.568	43	166078	81.595	ug/l	91
26) 2,2-Dichloropropane	4.477	77	45763	13.141	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	55008	18.650	ug/l	93
28) Bromochloromethane	4.904	49	25194	16.854	ug/l #	78
29) Tetrahydrofuran	5.019	42	101396	77.006	ug/l #	85
30) Chloroform	5.099	83	87823	18.319	ug/l	99
31) Cyclohexane	5.477	56	68391	16.587	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	74514	18.336	ug/l	96
36) 1,1-Dichloropropene	5.696	75	63394	18.037	ug/l	99
37) Ethyl Acetate	4.721	43	61458	16.633	ug/l	95
38) Carbon Tetrachloride	5.684	117	66377	19.838	ug/l	96
39) Methylcyclohexane	7.385	83	78949	18.365	ug/l	90
40) Benzene	6.044	78	193946	19.146	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	32346	16.117	ug/l	92
42) 1,2-Dichloroethane	6.092	62	62666	18.623	ug/l	100
43) Isopropyl Acetate	6.342	43	97947	17.083	ug/l	93
44) Trichloroethene	7.129	130	57474	19.259	ug/l	99
45) 1,2-Dichloropropane	7.434	63	49391	18.267	ug/l	98
46) Dibromomethane	7.586	93	36760	19.908	ug/l	94
47) Bromodichloromethane	7.824	83	66567	18.752	ug/l	100
48) Methyl methacrylate	7.696	41	46457	16.187	ug/l #	87
49) 1,4-Dioxane	7.684	88	27502	364.632	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	312678	82.624	ug/l	92
52) Toluene	8.720	92	122870	19.851	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	65030	18.155	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	72783	17.762	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	52905	19.705	ug/l	98
56) Ethyl methacrylate	9.122	69	77539	19.720	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	83789	18.923	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	184822	93.587	ug/l	97
59) 2-Hexanone	9.433	43	243028	86.361	ug/l	90
60) Dibromochloromethane	9.525	129	54507	20.428	ug/l	98
61) 1,2-Dibromoethane	9.616	107	57646	20.797	ug/l	97
64) Tetrachloroethene	9.275	164	58095	21.599	ug/l	97
65) Chlorobenzene	10.080	112	134552	20.010	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	48359	20.298	ug/l	98
67) Ethyl Benzene	10.195	91	233639	19.589	ug/l	99
68) m/p-Xylenes	10.305	106	180091	39.863	ug/l	97
69) o-Xylene	10.647	106	87934	19.887	ug/l	95
70) Styrene	10.659	104	148735	19.926	ug/l	100
71) Bromoform	10.805	173	38824	20.767	ug/l #	97
73) Isopropylbenzene	10.964	105	234972	21.104	ug/l	100
74) N-amyl acetate	10.848	43	75106	17.448	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	73665	19.312	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68796m	19.857	ug/l	
77) Bromobenzene	11.201	156	57387	21.270	ug/l	92
78) n-propylbenzene	11.305	91	267043	20.466	ug/l	100
79) 2-Chlorotoluene	11.366	91	159937	19.735	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	196414	20.936	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19164	16.445	ug/l	96
82) 4-Chlorotoluene	11.457	91	183225	20.224	ug/l	100
83) tert-Butylbenzene	11.720	119	187541	20.364	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	194579	20.260	ug/l	99
85) sec-Butylbenzene	11.890	105	250141	20.927	ug/l	100
86) p-Isopropyltoluene	12.012	119	202461	20.417	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	111778	21.012	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	106624	19.549	ug/l	99
89) n-Butylbenzene	12.335	91	168146	18.117	ug/l	98
90) Hexachloroethane	12.543	117	33468	19.223	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	107001	19.830	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17633	18.532	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	72335	20.970	ug/l	99
94) Hexachlorobutadiene	13.725	225	28734	19.616	ug/l	98
95) Naphthalene	13.780	128	274470	22.249	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	76102	21.851	ug/l	99

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

