

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031381.D
 Acq On : 16 Sep 2022 03:05
 Operator : JC/MD
 Sample : VX0915WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBSD02

Quant Time: Sep 16 05:03:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	54350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	86498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58150	43.589	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 87.180%			
35) Dibromofluoromethane	5.391	113	48076	51.706	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.420%			
50) Toluene-d8	8.653	98	176776	50.684	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.360%			
62) 4-Bromofluorobenzene	11.079	95	59405	46.512	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	10006	17.051	ug/l	97
3) Chloromethane	1.288	50	15390	18.125	ug/l	97
4) Vinyl Chloride	1.374	62	17786	18.730	ug/l	96
5) Bromomethane	1.611	94	27150	38.125	ug/l	99
6) Chloroethane	1.685	64	19691	26.138	ug/l	96
7) Trichlorofluoromethane	1.886	101	44133	25.353	ug/l	97
8) Diethyl Ether	2.136	74	15496	19.956	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	14484	17.596	ug/l	93
10) Methyl Iodide	2.453	142	16900	19.801	ug/l	100
11) Tert butyl alcohol	2.995	59	24646	63.598	ug/l	97
12) 1,1-Dichloroethene	2.319	96	13385	17.639	ug/l	94
13) Acrolein	2.239	56	9673	62.834	ug/l	98
14) Allyl chloride	2.666	41	22925	13.676	ug/l	97
15) Acrylonitrile	3.068	53	47474	77.157	ug/l	98
16) Acetone	2.386	43	42344	74.352	ug/l	98
17) Carbon Disulfide	2.514	76	30277	17.261	ug/l	98
18) Methyl Acetate	2.709	43	25952	15.367	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	54120	15.401	ug/l	98
20) Methylene Chloride	2.788	84	16600	17.011	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	15693	17.451	ug/l	94
22) Diisopropyl ether	3.763	45	52473	14.959	ug/l	88
23) Vinyl Acetate	3.727	43	226158	77.577	ug/l	98
24) 1,1-Dichloroethane	3.611	63	29412	15.976	ug/l	99
25) 2-Butanone	4.562	43	68545	72.969	ug/l	98
26) 2,2-Dichloropropane	4.477	77	18698	10.705	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	19046	17.040	ug/l	88
28) Bromochloromethane	4.897	49	13200	15.383	ug/l	97
29) Tetrahydrofuran	5.013	42	43832	75.330	ug/l	99
30) Chloroform	5.099	83	32276	16.556	ug/l	99
31) Cyclohexane	5.477	56	23503	16.399	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	28657	16.406	ug/l	99
36) 1,1-Dichloropropene	5.696	75	21659	17.019	ug/l	98
37) Ethyl Acetate	4.721	43	26528	15.862	ug/l	99
38) Carbon Tetrachloride	5.678	117	24400	17.638	ug/l	96
39) Methylcyclohexane	7.379	83	24646	17.585	ug/l	98
40) Benzene	6.044	78	66847	18.292	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13156	14.521	ug/l	93
42) 1,2-Dichloroethane	6.092	62	25856	17.540	ug/l	100
43) Isopropyl Acetate	6.342	43	43124	15.106	ug/l	99
44) Trichloroethene	7.129	130	18610	19.973	ug/l	89
45) 1,2-Dichloropropane	7.434	63	17185	17.177	ug/l	93
46) Dibromomethane	7.586	93	12760	17.984	ug/l	94
47) Bromodichloromethane	7.824	83	24982	16.929	ug/l	98
48) Methyl methacrylate	7.696	41	19032	14.645	ug/l	92
49) 1,4-Dioxane	7.690	88	10010	384.089	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	141523	81.560	ug/l	99
52) Toluene	8.720	92	42935	18.573	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	24330	14.650	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	25618	15.011	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	19059	18.676	ug/l	90
56) Ethyl methacrylate	9.116	69	26486	16.033	ug/l	96
57) 1,3-Dichloropropane	9.311	76	30034	17.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	63939	83.069	ug/l	96
59) 2-Hexanone	9.433	43	106445	80.375	ug/l	99
60) Dibromochloromethane	9.525	129	18935	17.211	ug/l	100
61) 1,2-Dibromoethane	9.610	107	18738	17.895	ug/l	96
64) Tetrachloroethene	9.275	164	17603	20.350	ug/l	96
65) Chlorobenzene	10.079	112	47207	18.839	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	17165	17.386	ug/l	93
67) Ethyl Benzene	10.195	91	82902	18.266	ug/l	98
68) m/p-Xylenes	10.299	106	64763	37.580	ug/l	96
69) o-Xylene	10.640	106	31737	18.131	ug/l	98
70) Styrene	10.659	104	51686	18.159	ug/l	98
71) Bromoform	10.799	173	13192	16.785	ug/l #	98
73) Isopropylbenzene	10.963	105	82929	17.490	ug/l	99
74) N-amyl acetate	10.848	43	35918	15.238	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	28988	17.012	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	25853m	15.981	ug/l	
77) Bromobenzene	11.201	156	19997	18.497	ug/l	96
78) n-propylbenzene	11.305	91	95341	17.134	ug/l	99
79) 2-Chlorotoluene	11.366	91	56358	16.553	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	68977	17.364	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7071	12.095	ug/l	92
82) 4-Chlorotoluene	11.457	91	65238	16.716	ug/l	98
83) tert-Butylbenzene	11.713	119	69448	17.474	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	68492	17.347	ug/l	99
85) sec-Butylbenzene	11.890	105	85755	17.231	ug/l	99
86) p-Isopropyltoluene	12.012	119	70710	17.436	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	38319	18.591	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	39210	18.509	ug/l	99
89) n-Butylbenzene	12.335	91	58816	16.355	ug/l	98
90) Hexachloroethane	12.536	117	12257	15.134	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	38939	18.555	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6067	14.104	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	22693	19.971	ug/l	99
94) Hexachlorobutadiene	13.725	225	8342	18.807	ug/l	96
95) Naphthalene	13.780	128	84054	18.206	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	23324	19.167	ug/l	97

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

