

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030282.D
 Acq On : 28 Jul 2022 20:06
 Operator : JC/MD
 Sample : VX0728WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD02

Quant Time: Jul 29 06:00:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	150911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	266020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	275499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	145055	47.822	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.640%		
35) Dibromofluoromethane	5.391	113	116978	46.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.000%		
50) Toluene-d8	8.653	98	446843	45.373	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.740%		
62) 4-Bromofluorobenzene	11.085	95	167647	45.869	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47020	18.988	ug/l	98
3) Chloromethane	1.288	50	43743	17.863	ug/l	99
4) Vinyl Chloride	1.374	62	47118	19.064	ug/l	98
5) Bromomethane	1.599	94	19944	19.493	ug/l	97
6) Chloroethane	1.678	64	28038	19.757	ug/l	98
7) Trichlorofluoromethane	1.880	101	65113	19.996	ug/l	100
8) Diethyl Ether	2.136	74	25857	20.278	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	43884	18.195	ug/l	99
10) Methyl Iodide	2.453	142	28389	13.234	ug/l	97
11) Tert butyl alcohol	2.971	59	79304	107.184	ug/l	99
12) 1,1-Dichloroethene	2.319	96	46097	19.554	ug/l	96
13) Acrolein	2.239	56	15765	86.690	ug/l	98
14) Allyl chloride	2.666	41	92724	19.060	ug/l	97
15) Acrylonitrile	3.068	53	190188	104.018	ug/l	99
16) Acetone	2.386	43	156720	100.919	ug/l	93
17) Carbon Disulfide	2.508	76	104195	16.373	ug/l	98
18) Methyl Acetate	2.709	43	93665	20.392	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	167573	20.751	ug/l	98
20) Methylene Chloride	2.788	84	57073	19.916	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	48352	18.582	ug/l	95
22) Diisopropyl ether	3.769	45	190211	20.665	ug/l	88
23) Vinyl Acetate	3.727	43	819406	102.628	ug/l	99
24) 1,1-Dichloroethane	3.617	63	98523	20.144	ug/l	99
25) 2-Butanone	4.568	43	268201	102.775	ug/l	98
26) 2,2-Dichloropropane	4.477	77	57645	16.299	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	59241	19.360	ug/l	95
28) Bromochloromethane	4.903	49	41870	20.264	ug/l	94
29) Tetrahydrofuran	5.013	42	178074	101.419	ug/l	96
30) Chloroform	5.099	83	96030	19.830	ug/l	99
31) Cyclohexane	5.477	56	82357	18.701	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	77448	19.675	ug/l	100
36) 1,1-Dichloropropene	5.702	75	67884	18.549	ug/l	97
37) Ethyl Acetate	4.721	43	99375	19.175	ug/l	98
38) Carbon Tetrachloride	5.690	117	62047	18.161	ug/l	99
39) Methylcyclohexane	7.385	83	80504	17.042	ug/l	96
40) Benzene	6.043	78	218434	18.970	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	53654	19.314	ug/l	96
42) 1,2-Dichloroethane	6.098	62	74715	18.779	ug/l	97
43) Isopropyl Acetate	6.348	43	154713	20.364	ug/l	97
44) Trichloroethene	7.135	130	57081	18.142	ug/l	99
45) 1,2-Dichloropropane	7.433	63	59572	19.398	ug/l	97
46) Dibromomethane	7.586	93	38722	18.541	ug/l	97
47) Bromodichloromethane	7.830	83	71382	18.801	ug/l	96
48) Methyl methacrylate	7.696	41	73699	19.708	ug/l	93
49) 1,4-Dioxane	7.665	88	33695	390.131	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	520992	101.012	ug/l	98
52) Toluene	8.720	92	134720	19.177	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	73803	18.033	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	82865	18.580	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	57778	19.317	ug/l	99
56) Ethyl methacrylate	9.122	69	93537	19.782	ug/l	95
57) 1,3-Dichloropropane	9.311	76	94040	19.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	259786	110.704	ug/l	97
59) 2-Hexanone	9.433	43	408832	100.471	ug/l	96
60) Dibromochloromethane	9.525	129	51226	18.501	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58027	18.579	ug/l	100
64) Tetrachloroethene	9.275	164	54067	18.229	ug/l	98
65) Chlorobenzene	10.079	112	142556	19.049	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	48170	18.935	ug/l	98
67) Ethyl Benzene	10.195	91	261611	22.967	ug/l	99
68) m/p-Xylenes	10.305	106	199372	39.326	ug/l	96
69) o-Xylene	10.646	106	98010	19.615	ug/l	95
70) Styrene	10.659	104	162733	19.823	ug/l	97
71) Bromoform	10.805	173	33735	18.037	ug/l #	97
73) Isopropylbenzene	10.963	105	249417	18.880	ug/l	100
74) N-amyl acetate	10.848	43	124880	19.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	93332	19.302	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	86062m	19.294	ug/l	
77) Bromobenzene	11.201	156	58465	18.855	ug/l	93
78) n-propylbenzene	11.305	91	301883	19.146	ug/l	99
79) 2-Chlorotoluene	11.366	91	182912	18.370	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	210882	19.064	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	24250	16.309	ug/l	89
82) 4-Chlorotoluene	11.457	91	206074	18.943	ug/l	97
83) tert-Butylbenzene	11.719	119	202656	19.766	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	215075	19.489	ug/l	97
85) sec-Butylbenzene	11.896	105	273689	19.503	ug/l	98
86) p-Isopropyltoluene	12.012	119	216055	19.244	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	113368	18.800	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	112124	18.265	ug/l	98
89) n-Butylbenzene	12.335	91	208098	19.908	ug/l	100
90) Hexachloroethane	12.542	117	34384	17.787	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	115227	19.468	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23465	20.233	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	68977	20.095	ug/l	98
94) Hexachlorobutadiene	13.725	225	25419	18.443	ug/l	98
95) Naphthalene	13.780	128	310236	23.139	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69801	19.829	ug/l	98

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

