

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031592.D
 Acq On : 23 Sep 2022 01:01
 Operator : JC/MD
 Sample : VX0922WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBS03

Quant Time: Sep 23 01:53:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/24/2022
 Supervised By :Mahesh Dadoda 09/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	44611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	69584	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	76328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40791	49.760	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.520%		
35) Dibromofluoromethane	5.385	113	33660	46.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.500%		
50) Toluene-d8	8.647	98	125457	45.254	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.500%		
62) 4-Bromofluorobenzene	11.079	95	42062	44.792	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14223	22.175	ug/l	98
3) Chloromethane	1.288	50	14961	17.582	ug/l	99
4) Vinyl Chloride	1.374	62	19553	20.152	ug/l	98
5) Bromomethane	1.612	94	23351	16.902	ug/l	97
6) Chloroethane	1.691	64	24020	27.229	ug/l	97
7) Trichlorofluoromethane	1.886	101	44226	20.095	ug/l	100
8) Diethyl Ether	2.136	74	13961	18.418	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	13826	19.248	ug/l	91
10) Methyl Iodide	2.453	142	14332	20.622	ug/l	98
11) Tert butyl alcohol	3.002	59	21358m	105.080	ug/l	
12) 1,1-Dichloroethene	2.319	96	13014	18.742	ug/l	96
13) Acrolein	2.239	56	5485	52.628	ug/l	97
14) Allyl chloride	2.666	41	18965	16.748	ug/l	92
15) Acrylonitrile	3.069	53	40863	94.912	ug/l	99
16) Acetone	2.392	43	34270	97.584	ug/l	95
17) Carbon Disulfide	2.514	76	30465	16.283	ug/l	99
18) Methyl Acetate	2.709	43	22973	18.791	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	48336	19.247	ug/l	95
20) Methylene Chloride	2.788	84	15686	20.062	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	15475	19.735	ug/l	93
22) Diisopropyl ether	3.764	45	46502	18.964	ug/l	96
23) Vinyl Acetate	3.727	43	190342	90.765	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26792	19.334	ug/l	98
25) 2-Butanone	4.568	43	58918	93.279	ug/l	100
26) 2,2-Dichloropropane	4.477	77	15930	13.014	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	17753	18.785	ug/l	85
28) Bromochloromethane	4.904	49	11205	20.241	ug/l	89
29) Tetrahydrofuran	5.013	42	36037	87.486	ug/l	90
30) Chloroform	5.093	83	30332	19.957	ug/l	96
31) Cyclohexane	5.477	56	22602	18.626	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	25202	18.256	ug/l	98
36) 1,1-Dichloropropene	5.696	75	20879	18.877	ug/l	99
37) Ethyl Acetate	4.721	43	23865	18.086	ug/l	99
38) Carbon Tetrachloride	5.678	117	22283	18.175	ug/l	95
39) Methylcyclohexane	7.379	83	24220	17.797	ug/l	94
40) Benzene	6.038	78	62639	18.983	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	11051	16.821	ug/l	91
42) 1,2-Dichloroethane	6.092	62	23612	19.414	ug/l	97
43) Isopropyl Acetate	6.342	43	36769	18.130	ug/l	98
44) Trichloroethene	7.129	130	17410	18.608	ug/l	89
45) 1,2-Dichloropropane	7.434	63	14990	18.072	ug/l	100
46) Dibromomethane	7.586	93	12085	18.928	ug/l	91
47) Bromodichloromethane	7.824	83	21252	17.704	ug/l	93
48) Methyl methacrylate	7.696	41	16450	17.755	ug/l	88
49) 1,4-Dioxane	7.696	88	8778	414.858	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	119991	91.988	ug/l	99
52) Toluene	8.720	92	42403	19.703	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	20617	16.597	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	22926	16.875	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	17140	19.329	ug/l	93
56) Ethyl methacrylate	9.116	69	23744	18.826	ug/l	93
57) 1,3-Dichloropropane	9.311	76	27914	19.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	38964	74.670	ug/l	96
59) 2-Hexanone	9.433	43	92547	94.469	ug/l	100
60) Dibromochloromethane	9.519	129	16664	17.697	ug/l	98
61) 1,2-Dibromoethane	9.610	107	18316	19.173	ug/l	99
64) Tetrachloroethene	9.275	164	17139	18.694	ug/l	95
65) Chlorobenzene	10.079	112	45199	19.203	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	16075	18.928	ug/l	96
67) Ethyl Benzene	10.195	91	80038	19.259	ug/l	94
68) m/p-Xylenes	10.305	106	63318	37.912	ug/l	96
69) o-Xylene	10.640	106	30458	19.106	ug/l	98
70) Styrene	10.659	104	49333	18.796	ug/l	97
71) Bromoform	10.799	173	11752	17.295	ug/l #	97
73) Isopropylbenzene	10.963	105	80810	19.675	ug/l	99
74) N-amyl acetate	10.848	43	30977	18.608	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	27104	22.166	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	22563m	18.381	ug/l	
77) Bromobenzene	11.201	156	20202	19.957	ug/l	91
78) n-propylbenzene	11.305	91	93581	19.805	ug/l	99
79) 2-Chlorotoluene	11.366	91	54596	19.411	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	66379	19.044	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	5360	14.059	ug/l #	80
82) 4-Chlorotoluene	11.457	91	62362	18.894	ug/l	99
83) tert-Butylbenzene	11.713	119	66057	19.553	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	67300	19.605	ug/l	99
85) sec-Butylbenzene	11.890	105	83732	19.585	ug/l	100
86) p-Isopropyltoluene	12.012	119	70457	19.516	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	39000	20.101	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	40026	19.779	ug/l	98
89) n-Butylbenzene	12.335	91	56718	18.443	ug/l	99
90) Hexachloroethane	12.536	117	10872	17.526	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	39652	20.294	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4990	17.681	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	22245	20.662	ug/l	97
94) Hexachlorobutadiene	13.725	225	8655	20.548	ug/l	96
95) Naphthalene	13.774	128	80105	20.317	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	23367	21.058	ug/l	96

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

