

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030770.D
 Acq On : 25 Aug 2022 14:23
 Operator : JC/MD
 Sample : VX0825WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBS01

Quant Time: Aug 26 02:39:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	251452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	424696	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138651	46.877	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.760%		
35) Dibromofluoromethane	5.391	113	122787	47.043	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	8.653	98	427854	47.041	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.080%		
62) 4-Bromofluorobenzene	11.079	95	161368	47.655	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45935	19.712	ug/l	100
3) Chloromethane	1.288	50	40660	20.811	ug/l	99
4) Vinyl Chloride	1.374	62	46453	20.065	ug/l	98
5) Bromomethane	1.611	94	23897	20.396	ug/l	92
6) Chloroethane	1.685	64	28405	20.749	ug/l	96
7) Trichlorofluoromethane	1.886	101	72217	18.762	ug/l	96
8) Diethyl Ether	2.136	74	28380	19.486	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	45203	18.460	ug/l	96
10) Methyl Iodide	2.453	142	28419	16.796	ug/l	92
11) Tert butyl alcohol	2.983	59	74366	115.822	ug/l	99
12) 1,1-Dichloroethene	2.319	96	42325	18.569	ug/l	91
13) Acrolein	2.239	56	57038	106.387	ug/l	99
14) Allyl chloride	2.666	41	79979	18.963	ug/l	96
15) Acrylonitrile	3.068	53	161104	102.342	ug/l	99
16) Acetone	2.392	43	132602	97.016	ug/l	95
17) Carbon Disulfide	2.508	76	87695	19.140	ug/l	98
18) Methyl Acetate	2.709	43	84649	20.151	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	159035	20.149	ug/l	98
20) Methylene Chloride	2.788	84	54078	21.113	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	45515	18.589	ug/l	98
22) Diisopropyl ether	3.770	45	168384	19.876	ug/l	88
23) Vinyl Acetate	3.727	43	675857	99.469	ug/l	99
24) 1,1-Dichloroethane	3.611	63	90898	18.930	ug/l	100
25) 2-Butanone	4.568	43	220392	100.099	ug/l	97
26) 2,2-Dichloropropane	4.483	77	62800	18.055	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	57658	19.061	ug/l	98
28) Bromochloromethane	4.903	49	40417	19.563	ug/l	95
29) Tetrahydrofuran	5.019	42	144709	100.704	ug/l	100
30) Chloroform	5.099	83	99177	19.624	ug/l	99
31) Cyclohexane	5.477	56	71122	18.805	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	81552	19.958	ug/l	97
36) 1,1-Dichloropropene	5.702	75	64382	18.114	ug/l	98
37) Ethyl Acetate	4.727	43	82909	19.694	ug/l	99
38) Carbon Tetrachloride	5.684	117	67766	18.075	ug/l	92
39) Methylcyclohexane	7.385	83	75145	17.665	ug/l	95
40) Benzene	6.037	78	201315	18.932	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45302	19.258	ug/l	99
42) 1,2-Dichloroethane	6.092	62	72812	19.298	ug/l	96
43) Isopropyl Acetate	6.348	43	126888	20.011	ug/l	99
44) Trichloroethene	7.135	130	57273	18.643	ug/l	91
45) 1,2-Dichloropropane	7.434	63	58768	19.977	ug/l	98
46) Dibromomethane	7.586	93	39361	18.835	ug/l	96
47) Bromodichloromethane	7.824	83	78659	19.988	ug/l	100
48) Methyl methacrylate	7.696	41	62600	19.804	ug/l	97
49) 1,4-Dioxane	7.683	88	33351	427.403	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	427909	100.050	ug/l	97
52) Toluene	8.720	92	128195	19.314	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	72404	19.042	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	82214	19.201	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	58151	19.714	ug/l	96
56) Ethyl methacrylate	9.122	69	84493	19.974	ug/l	98
57) 1,3-Dichloropropane	9.311	76	92899	19.546	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	227327	100.491	ug/l	100
59) 2-Hexanone	9.433	43	332057	103.486	ug/l	100
60) Dibromochloromethane	9.525	129	58659	19.071	ug/l	98
61) 1,2-Dibromoethane	9.610	107	59249	19.809	ug/l	97
64) Tetrachloroethene	9.275	164	54057	18.171	ug/l	93
65) Chlorobenzene	10.079	112	139109	19.042	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	52961	19.319	ug/l	99
67) Ethyl Benzene	10.195	91	244237	19.351	ug/l	98
68) m/p-Xylenes	10.305	106	187985	38.875	ug/l	97
69) o-Xylene	10.646	106	94237	19.694	ug/l	96
70) Styrene	10.659	104	157094	19.783	ug/l	98
71) Bromoform	10.805	173	42911	18.944	ug/l #	97
73) Isopropylbenzene	10.963	105	247317	19.748	ug/l	100
74) N-amyl acetate	10.848	43	100632	20.629	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	88554	20.672	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	82934m	20.257	ug/l	
77) Bromobenzene	11.201	156	59878	19.406	ug/l	97
78) n-propylbenzene	11.305	91	285628	19.831	ug/l	100
79) 2-Chlorotoluene	11.366	91	177041	20.067	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	218213	20.819	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	24717	19.479	ug/l	93
82) 4-Chlorotoluene	11.457	91	206829	20.914	ug/l	96
83) tert-Butylbenzene	11.719	119	209931	20.811	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	210782	20.765	ug/l	99
85) sec-Butylbenzene	11.890	105	270592	20.585	ug/l	98
86) p-Isopropyltoluene	12.012	119	225205	20.833	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119553	20.540	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	124186	20.790	ug/l	99
89) n-Butylbenzene	12.335	91	204426	20.428	ug/l	98
90) Hexachloroethane	12.542	117	40521	19.333	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	127437	20.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22691	20.579	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	72228	18.852	ug/l	99
94) Hexachlorobutadiene	13.725	225	32241	20.205	ug/l	99
95) Naphthalene	13.780	128	288443	21.626	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	83743	20.673	ug/l	99

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

