

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028884.D
 Acq On : 21 May 2022 05:20
 Operator : JC/MD
 Sample : N2970-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 02BR-20220519MSD

Quant Time: May 21 06:10:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	273346	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	455196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	183815	49.057	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.120%		
35) Dibromofluoromethane	5.391	113	147249	49.373	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.740%		
50) Toluene-d8	8.653	98	525205	46.709	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.420%		
62) 4-Bromofluorobenzene	11.079	95	205268	48.876	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	159223	44.486	ug/l	100
3) Chloromethane	1.294	50	141755	42.054	ug/l	99
4) Vinyl Chloride	1.374	62	157252	43.290	ug/l	100
5) Bromomethane	1.611	94	120439	46.500	ug/l	99
6) Chloroethane	1.684	64	99343	43.112	ug/l	98
7) Trichlorofluoromethane	1.886	101	245893	42.458	ug/l	99
8) Diethyl Ether	2.136	74	89315	42.324	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	135153	44.347	ug/l	99
10) Methyl Iodide	2.453	142	154620	42.377	ug/l	93
11) Tert butyl alcohol	3.020	59	193371m	242.953	ug/l	
12) 1,1-Dichloroethene	2.319	96	129095	45.633	ug/l	98
13) Acrolein	2.239	56	113634	184.766	ug/l	98
14) Allyl chloride	2.666	41	203407	44.829	ug/l	93
15) Acrylonitrile	3.068	53	421396	233.423	ug/l	97
16) Acetone	2.386	43	385779	239.898	ug/l	93
17) Carbon Disulfide	2.514	76	298043	40.642	ug/l	99
18) Methyl Acetate	2.703	43	175470	43.566	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	494468	49.254	ug/l	100
20) Methylene Chloride	2.788	84	147631	43.759	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	141968	44.552	ug/l	99
22) Diisopropyl ether	3.763	45	447581	46.160	ug/l	94
23) Vinyl Acetate	3.727	43	1686061	201.708	ug/l	97
24) 1,1-Dichloroethane	3.611	63	263818	46.801	ug/l	100
25) 2-Butanone	4.562	43	604776	239.592	ug/l	97
26) 2,2-Dichloropropane	4.477	77	156660	35.445	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	287039	77.125	ug/l	93
28) Bromochloromethane	4.897	49	107216	45.187	ug/l	99
29) Tetrahydrofuran	5.007	42	381711	232.643	ug/l	94
30) Chloroform	5.098	83	292774	47.990	ug/l	99
31) Cyclohexane	5.470	56	222120	42.708	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	257971	48.437	ug/l	100
36) 1,1-Dichloropropene	5.696	75	205451	45.865	ug/l	99
37) Ethyl Acetate	4.714	43	197520	42.217	ug/l	99
38) Carbon Tetrachloride	5.678	117	222434	49.342	ug/l	97
39) Methylcyclohexane	7.385	83	233736	45.500	ug/l	96
40) Benzene	6.043	78	596881	46.363	ug/l	98

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41) Methacrylonitrile	4.922	41	123924	49.399	ug/l	93
42) 1,2-Dichloroethane	6.092	62	235089	49.507	ug/l	97
43) Isopropyl Acetate	6.342	43	324336	44.310	ug/l	97
44) Trichloroethene	7.129	130	447627	128.205	ug/l	93
45) 1,2-Dichloropropane	7.433	63	151061	47.030	ug/l	97
46) Dibromomethane	7.586	93	113733	47.414	ug/l	94
47) Bromodichloromethane	7.824	83	222592	49.982	ug/l	97
48) Methyl methacrylate	7.696	41	177097	50.085	ug/l	90
49) 1,4-Dioxane	7.683	88	82353	932.291	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1162582	241.131	ug/l	95
52) Toluene	8.720	92	387102	46.743	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	219387	43.032	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	235881	47.073	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	160707	47.589	ug/l	97
56) Ethyl methacrylate	9.116	69	253496	49.570	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	270806	47.545	ug/l	99
59) 2-Hexanone	9.433	43	886466	236.652	ug/l	92
60) Dibromochloromethane	9.525	129	169145	51.358	ug/l	97
61) 1,2-Dibromoethane	9.610	107	172136	48.532	ug/l	99
64) Tetrachloroethene	9.275	164	138895	44.710	ug/l	98
65) Chlorobenzene	10.079	112	418440	47.946	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	161422	52.214	ug/l	98
67) Ethyl Benzene	10.195	91	750090	47.951	ug/l	99
68) m/p-Xylenes	10.305	106	579816	95.206	ug/l	98
69) o-Xylene	10.646	106	287891	48.013	ug/l	97
70) Styrene	10.658	104	476329	48.918	ug/l	97
71) Bromoform	10.799	173	119251	46.675	ug/l #	99
73) Isopropylbenzene	10.963	105	753193	48.283	ug/l	99
74) N-amyl acetate	10.847	43	250331	40.823	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	252595	47.199	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	227861m	47.299	ug/l	
77) Bromobenzene	11.201	156	178906	48.470	ug/l	94
78) n-propylbenzene	11.305	91	856741	47.479	ug/l	100
79) 2-Chlorotoluene	11.366	91	528497	47.786	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	642774	49.450	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	61617	39.074	ug/l #	84
82) 4-Chlorotoluene	11.457	91	614366	48.051	ug/l	98
83) tert-Butylbenzene	11.713	119	644944	51.246	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	642626	49.301	ug/l	99
85) sec-Butylbenzene	11.890	105	767520	49.441	ug/l	100
86) p-Isopropyltoluene	12.012	119	655185	50.296	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	337228	46.580	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	340135	45.295	ug/l	98
89) n-Butylbenzene	12.335	91	544785	48.268	ug/l	99
90) Hexachloroethane	12.542	117	105356	50.013	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	337182	47.410	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62945	55.084	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	207865	50.604	ug/l	96
94) Hexachlorobutadiene	13.725	225	83931	50.295	ug/l	93
95) Naphthalene	13.774	128	772868	52.873	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	210041	50.911	ug/l	94

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

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