

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047769.D
 Acq On : 31 Mar 2022 12:14
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 31 12:33:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 12:32:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	328867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	476015	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	473002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	286848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	178639	47.672	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.340%		
35) Dibromofluoromethane	5.292	113	164547	50.836	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.680%		
50) Toluene-d8	7.899	98	598803	49.381	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.760%		
62) 4-Bromofluorobenzene	10.632	95	234974	50.880	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	188958	66.136	ug/l	100
3) Chloromethane	1.523	50	198475	58.004	ug/l	98
4) Vinyl Chloride	1.607	62	189934	60.003	ug/l	99
5) Bromomethane	1.861	94	126099	57.428	ug/l	97
6) Chloroethane	1.938	64	121263	58.762	ug/l	96
7) Trichlorofluoromethane	2.141	101	264286	55.587	ug/l	97
8) Diethyl Ether	2.379	74	99797	51.292	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	158861	54.296	ug/l	98
10) Methyl Iodide	2.726	142	162539	78.425	ug/l	99
11) Tert butyl alcohol	3.295	59	253503m	258.830	ug/l	
12) 1,1-Dichloroethene	2.584	96	152101	54.391	ug/l	98
13) Acrolein	2.498	56	111785	398.674	ug/l	99
14) Allyl chloride	2.929	41	227535	56.757	ug/l	98
15) Acrylonitrile	3.327	53	591149	254.781	ug/l	99
16) Acetone	2.652	43	647440	253.028	ug/l	100
17) Carbon Disulfide	2.800	76	451483	60.982	ug/l	100
18) Methyl Acetate	2.957	43	234925	50.138	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	495622	54.343	ug/l	99
20) Methylene Chloride	3.051	84	176571	51.238	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	168820	57.269	ug/l	98
22) Diisopropyl ether	3.996	45	455971	54.587	ug/l	88
23) Vinyl Acetate	3.961	43	2104501	283.773	ug/l	100
24) 1,1-Dichloroethane	3.874	63	290257	53.628	ug/l	99
25) 2-Butanone	4.716	43	841509	274.530	ug/l	98
26) 2,2-Dichloropropane	4.671	77	257312	53.874	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	191328	54.279	ug/l	99
28) Bromochloromethane	4.980	49	119134	55.049	ug/l	100
29) Tetrahydrofuran	5.063	42	505547	261.234	ug/l	99
30) Chloroform	5.092	83	310552	53.697	ug/l	99
31) Cyclohexane	5.391	56	256887	56.324	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	267641	54.210	ug/l	99
36) 1,1-Dichloropropene	5.530	75	233453	57.184	ug/l	99
37) Ethyl Acetate	4.809	43	295204	48.348	ug/l #	93
38) Carbon Tetrachloride	5.530	117	246540	56.117	ug/l	99
39) Methylcyclohexane	6.768	83	286115	59.563	ug/l	99
40) Benzene	5.777	78	680908	55.127	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	141198	55.784	ug/l	97
42) 1,2-Dichloroethane	5.797	62	236907	53.604	ug/l	100
43) Isopropyl Acetate	5.916	43	386314	53.011	ug/l	98
44) Trichloroethene	6.546	130	196250	55.499	ug/l	98
45) 1,2-Dichloropropane	6.793	63	171785	54.428	ug/l	99
46) Dibromomethane	6.922	93	132678	54.847	ug/l	97
47) Bromodichloromethane	7.108	83	248047	54.494	ug/l	99
48) Methyl methacrylate	6.964	41	181835	56.160	ug/l	99
49) 1,4-Dioxane	7.047	88	114998	1190.800	ug/l #	4
51) 4-Methyl-2-Pentanone	7.796	43	1455389	272.515	ug/l	99
52) Toluene	7.970	92	443400	57.457	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	281513	56.131	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	294092	57.350	ug/l	98
55) 1,1,2-Trichloroethane	8.401	97	185610	53.242	ug/l	99
56) Ethyl methacrylate	8.333	69	283105	57.870	ug/l	99
57) 1,3-Dichloropropane	8.578	76	302351	54.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	106071	300.351	ug/l	98
59) 2-Hexanone	8.687	43	1215911	271.943	ug/l	100
60) Dibromochloromethane	8.813	129	213029	53.653	ug/l	99
61) 1,2-Dibromoethane	8.925	107	209168	53.924	ug/l	98
64) Tetrachloroethene	8.555	164	173284	55.621	ug/l	99
65) Chlorobenzene	9.449	112	508123	54.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	184549	53.955	ug/l	99
67) Ethyl Benzene	9.571	91	859891	57.895	ug/l	100
68) m/p-Xylenes	9.697	106	691201	117.067	ug/l	99
69) o-Xylene	10.102	106	331362	57.758	ug/l	98
70) Styrene	10.115	104	561617	59.100	ug/l	99
71) Bromoform	10.292	173	194309	55.428	ug/l	99
73) Isopropylbenzene	10.484	105	864950	54.743	ug/l	99
74) N-amyl acetate	10.320	43	348930	55.239	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.783	83	351321	51.288	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	401978	51.777	ug/l	100
77) Bromobenzene	10.783	156	245444	52.855	ug/l	99
78) n-propylbenzene	10.906	91	1048881	56.179	ug/l	99
79) 2-Chlorotoluene	10.986	91	615556	53.862	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	753876	56.478	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	118202	53.456	ug/l	99
82) 4-Chlorotoluene	11.099	91	724018	54.739	ug/l	100
83) tert-Butylbenzene	11.420	119	751326	55.865	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	743507	56.771	ug/l	99
85) sec-Butylbenzene	11.645	105	934606	56.657	ug/l	99
86) p-Isopropyltoluene	11.793	119	813356	57.778	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	472900	52.849	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	480573	51.703	ug/l	100
89) n-Butylbenzene	12.208	91	745574	56.575	ug/l	100
90) Hexachloroethane	12.475	117	153730	54.661	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	466474	53.068	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	89547	54.682	ug/l	100
93) 1,2,4-Trichlorobenzene	13.841	180	344685	56.128	ug/l	100
94) Hexachlorobutadiene	14.021	225	167933	53.914	ug/l	99
95) Naphthalene	14.086	128	1041213	58.622	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	332208	54.879	ug/l	100

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

