

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045451.D
 Acq On : 28 Oct 2021 21:12
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 29 04:05:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 04:00:46 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	199888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	369537	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	355769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	181758	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	469419	140.713	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 281.420%#			
35) Dibromofluoromethane	5.295	113	349537	148.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 297.520%#			
50) Toluene-d8	7.902	98	1381121	148.546	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 297.100%#			
62) 4-Bromofluorobenzene	10.635	95	543929	144.559	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 289.120%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	439053	174.269	ug/l	99
3) Chloromethane	1.520	50	573664	172.099	ug/l	99
4) Vinyl Chloride	1.604	62	515397	160.586	ug/l	100
5) Bromomethane	1.858	94	267505	190.485	ug/l	100
7) Trichlorofluoromethane	2.134	101	577122	139.692	ug/l	100
8) Diethyl Ether	2.379	74	269819	142.089	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	348850	147.102	ug/l	100
10) Methyl Iodide	2.723	142	381675	162.776	ug/l	100
11) Tert butyl alcohol	3.215	59	497176m	549.195	ug/l	
12) 1,1-Dichloroethene	2.578	96	361320	154.207	ug/l	97
13) Acrolein	2.491	56	122534	608.066	ug/l	100
14) Allyl chloride	2.925	41	652183	150.144	ug/l	100
15) Acrylonitrile	3.324	53	1330226	706.842	ug/l	99
16) Acetone	2.642	43	1071851	570.338	ug/l	100
17) Carbon Disulfide	2.793	76	1061204	153.144	ug/l	100
18) Methyl Acetate	2.954	43	850741	149.230	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	1325821	147.613	ug/l	100
20) Methylene Chloride	3.047	84	429683	145.998	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	383631	149.713	ug/l	99
22) Diisopropyl ether	3.996	45	1290264	146.085	ug/l	99
23) Vinyl Acetate	3.960	43	5137321	723.306	ug/l	100
24) 1,1-Dichloroethane	3.874	63	747129	147.225	ug/l	99
25) 2-Butanone	4.710	43	1721741	638.729	ug/l	99
26) 2,2-Dichloropropane	4.668	77	577702	136.911	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	450208	148.977	ug/l	100
28) Bromochloromethane	4.980	49	318157	147.568	ug/l	100
29) Tetrahydrofuran	5.057	42	1108721	682.492	ug/l	100
30) Chloroform	5.092	83	713234	140.526	ug/l	99
31) Cyclohexane	5.391	56	707545	141.643	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	604696	144.414	ug/l	98
36) 1,1-Dichloropropene	5.530	75	553318	145.633	ug/l	99
37) Ethyl Acetate	4.809	43	655160	131.960	ug/l	99
38) Carbon Tetrachloride	5.530	117	484552	147.872	ug/l	99
39) Methylcyclohexane	6.767	83	709275	151.880	ug/l	100
40) Benzene	5.777	78	1636641	144.453	ug/l	99
41) Methacrylonitrile	4.976	41	363295	141.937	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.800	62	590107	134.058	ug/l	99
43) Isopropyl Acetate	5.915	43	1037498	138.915	ug/l	99
44) Trichloroethene	6.546	130	387128	145.122	ug/l	100
45) 1,2-Dichloropropane	6.793	63	436438	145.290	ug/l	99
46) Dibromomethane	6.922	93	290122	143.891	ug/l	99
47) Bromodichloromethane	7.111	83	578505	147.617	ug/l	99
48) Methyl methacrylate	6.964	41	503250	139.005	ug/l	99
49) 1,4-Dioxane	7.021	88	216537	2552.494	ug/l #	100
51) 4-Methyl-2-Pentanone	7.800	43	3377014	633.573	ug/l	99
52) Toluene	7.973	92	1021549	144.526	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	684783	153.793	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	721565	154.172	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	409726	139.942	ug/l	99
56) Ethyl methacrylate	8.336	69	741210	147.013	ug/l	99
57) 1,3-Dichloropropane	8.581	76	732550	140.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	1919748	1166.887	ug/l	99
59) 2-Hexanone	8.693	43	2644449	616.560	ug/l	99
60) Dibromochloromethane	8.816	129	413691	149.597	ug/l	99
61) 1,2-Dibromoethane	8.928	107	443473	143.019	ug/l	99
64) Tetrachloroethene	8.558	164	312347	137.642	ug/l	99
65) Chlorobenzene	9.449	112	1043970	142.716	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	368685	145.328	ug/l	99
67) Ethyl Benzene	9.574	91	1978989	147.224	ug/l	99
68) m/p-Xylenes	9.697	106	1501508	287.826	ug/l	100
69) o-Xylene	10.105	106	736495	142.769	ug/l	100
70) Styrene	10.118	104	1281713	148.666	ug/l	99
71) Bromoform	10.295	173	320871	150.979	ug/l #	99
73) Isopropylbenzene	10.488	105	1895621	141.541	ug/l	100
74) N-amyl acetate	10.324	43	964776	145.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	747911	131.727	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	731736m	140.380	ug/l	
77) Bromobenzene	10.787	156	447747	139.367	ug/l	100
78) n-propylbenzene	10.909	91	2358104	144.839	ug/l	100
79) 2-Chlorotoluene	10.989	91	1380751	135.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	1638380	140.673	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.552	75	270763	147.091	ug/l	96
82) 4-Chlorotoluene	11.098	91	1617658	140.980	ug/l	100
83) tert-Butylbenzene	11.423	119	1598484	141.591	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	1655774	143.934	ug/l	99
85) sec-Butylbenzene	11.648	105	2096388	143.846	ug/l	100
86) p-Isopropyltoluene	11.796	119	1729683	147.620	ug/l	100
87) 1,3-Dichlorobenzene	11.751	146	872959	142.393	ug/l	99
88) 1,4-Dichlorobenzene	11.841	146	877872	139.766	ug/l	100
89) n-Butylbenzene	12.211	91	1718757	158.076	ug/l	99
90) Hexachloroethane	12.481	117	312230	147.765	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	870810	139.217	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	185194	137.731	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	605808	168.476	ug/l	100
94) Hexachlorobutadiene	14.024	225	227017	153.795	ug/l	100
95) Naphthalene	14.089	128	2214063	162.998	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	594329	163.807	ug/l	99

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

