

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045449.D
 Acq On : 28 Oct 2021 20:26
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 04:03:50 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

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	195833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	356466	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	338076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	166005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	157493	48.188	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.380%		
35) Dibromofluoromethane	5.295	113	113828	50.221	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.440%		
50) Toluene-d8	7.903	98	455396	50.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.560%		
62) 4-Bromofluorobenzene	10.636	95	169916	46.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	142556	57.755	ug/l	100
3) Chloromethane	1.520	50	191768	58.721	ug/l	100
4) Vinyl Chloride	1.604	62	168518	53.594	ug/l	100
5) Bromomethane	1.858	94	98346	71.480	ug/l	100
6) Chloroethane	1.935	64	97215	41.722	ug/l	100
7) Trichlorofluoromethane	2.141	101	190064	46.958	ug/l	100
8) Diethyl Ether	2.379	74	87811	47.200	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	114295	49.193	ug/l	100
10) Methyl Iodide	2.726	142	87023	37.882	ug/l	100
11) Tert butyl alcohol	3.211	59	182723	206.020	ug/l	100
12) 1,1-Dichloroethene	2.584	96	115416	50.278	ug/l	100
13) Acrolein	2.491	56	37272	188.789	ug/l	100
14) Allyl chloride	2.928	41	215396	50.615	ug/l	100
15) Acrylonitrile	3.321	53	432251	234.441	ug/l	100
16) Acetone	2.639	43	364701	198.078	ug/l	100
17) Carbon Disulfide	2.797	76	332990	49.049	ug/l	100
18) Methyl Acetate	2.954	43	275683	49.359	ug/l	100
19) Methyl tert-butyl Ether	3.369	73	428814	48.731	ug/l	100
20) Methylene Chloride	3.051	84	139280	48.304	ug/l	100
21) trans-1,2-Dichloroethene	3.356	96	123562	49.219	ug/l	100
22) Diisopropyl ether	3.996	45	430224	49.719	ug/l	100
23) Vinyl Acetate	3.961	43	1662661	238.940	ug/l	100
24) 1,1-Dichloroethane	3.874	63	244476	49.173	ug/l	100
25) 2-Butanone	4.710	43	576646	218.353	ug/l	100
26) 2,2-Dichloropropane	4.671	77	187997	45.476	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	145975	49.304	ug/l	100
28) Bromochloromethane	4.980	49	115703	54.777	ug/l	100
29) Tetrahydrofuran	5.057	42	369366	232.078	ug/l	100
30) Chloroform	5.092	83	236793	47.621	ug/l	100
31) Cyclohexane	5.391	56	233930	47.800	ug/l	100
32) 1,1,1-Trichloroethane	5.321	97	195884	47.750	ug/l	100
36) 1,1-Dichloropropene	5.530	75	179916	49.090	ug/l	100
37) Ethyl Acetate	4.806	43	216210	45.145	ug/l	100
38) Carbon Tetrachloride	5.530	117	155638	49.238	ug/l	100
39) Methylcyclohexane	6.768	83	225411	50.038	ug/l	100
40) Benzene	5.777	78	536737	49.110	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	117937	47.767	ug/l	100
42) 1,2-Dichloroethane	5.800	62	196277	46.224	ug/l	100
43) Isopropyl Acetate	5.912	43	330997	45.944	ug/l	100
44) Trichloroethene	6.546	130	124659	48.444	ug/l	100
45) 1,2-Dichloropropane	6.796	63	141814	48.941	ug/l	100
46) Dibromomethane	6.922	93	94630	48.654	ug/l	100
47) Bromodichloromethane	7.108	83	186645	49.373	ug/l	100
48) Methyl methacrylate	6.964	41	157386	45.066	ug/l	100
49) 1,4-Dioxane	7.005	88	76177	930.886	ug/l #	100
51) 4-Methyl-2-Pentanone	7.793	43	1079763	210.006	ug/l	100
52) Toluene	7.973	92	332347	48.744	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	210193	48.938	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	227835	50.465	ug/l	100
55) 1,1,2-Trichloroethane	8.404	97	132024	46.746	ug/l	100
56) Ethyl methacrylate	8.337	69	226052	46.480	ug/l	100
57) 1,3-Dichloropropane	8.578	76	236989	46.956	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	608827	383.635	ug/l	100
59) 2-Hexanone	8.687	43	834397	201.675	ug/l	100
60) Dibromochloromethane	8.812	129	129537	48.560	ug/l	100
61) 1,2-Dibromoethane	8.928	107	140080	46.832	ug/l	100
64) Tetrachloroethene	8.555	164	100352	46.537	ug/l	100
65) Chlorobenzene	9.449	112	331957	47.755	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	114077	47.320	ug/l	100
67) Ethyl Benzene	9.575	91	625096	48.937	ug/l	100
68) m/p-Xylenes	9.697	106	478504	96.525	ug/l	100
69) o-Xylene	10.102	106	233713	47.676	ug/l	100
70) Styrene	10.118	104	395373	48.259	ug/l	100
71) Bromoform	10.295	173	93294	46.195	ug/l #	100
73) Isopropylbenzene	10.488	105	601867	49.204	ug/l	100
74) N-amyl acetate	10.320	43	284976	47.033	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	231199	44.584	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	234877m	49.336	ug/l	100
77) Bromobenzene	10.783	156	138669	47.258	ug/l	100
78) n-propylbenzene	10.909	91	740679	49.811	ug/l	100
79) 2-Chlorotoluene	10.989	91	437141	47.067	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	518395	48.734	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	76957	45.774	ug/l	100
82) 4-Chlorotoluene	11.099	91	503334	48.029	ug/l	100
83) tert-Butylbenzene	11.423	119	488832	47.409	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	517409	49.246	ug/l	100
85) sec-Butylbenzene	11.648	105	651813	48.969	ug/l	100
86) p-Isopropyltoluene	11.796	119	535494	50.039	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	264897	47.309	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	267783	46.679	ug/l	100
89) n-Butylbenzene	12.211	91	516964	52.058	ug/l	100
90) Hexachloroethane	12.478	117	91686	47.509	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	265961	46.554	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	56955	46.378	ug/l	100
93) 1,2,4-Trichlorobenzene	13.844	180	181705	55.328	ug/l	100
94) Hexachlorobutadiene	14.024	225	67795	50.287	ug/l	100
95) Naphthalene	14.089	128	692274	55.801	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	185382	55.943	ug/l	100

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

