

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045448.D
 Acq On : 28 Oct 2021 20:03
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 29 04:03:13 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	5.379	168	194196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	360244	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	337263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	164171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	67028	20.681	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	41.360%#		
35) Dibromofluoromethane	5.295	113	48282	21.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.160%#		
50) Toluene-d8	7.903	98	188212	20.765	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	41.540%#		
62) 4-Bromofluorobenzene	10.636	95	69462	18.937	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	59400	24.268	ug/l	98
3) Chloromethane	1.520	50	80618	24.894	ug/l	100
4) Vinyl Chloride	1.604	62	70470	22.600	ug/l	100
5) Bromomethane	1.861	94	44237	32.424	ug/l	99
6) Chloroethane	1.935	64	44110	19.090	ug/l	98
7) Trichlorofluoromethane	2.141	101	78554	19.571	ug/l	100
8) Diethyl Ether	2.379	74	36501	19.785	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.584	101	46967	20.385	ug/l	99
10) Methyl Iodide	2.726	142	27313	11.990	ug/l	98
11) Tert butyl alcohol	3.208	59	75564	85.917	ug/l	99
12) 1,1-Dichloroethene	2.584	96	47391	20.819	ug/l	99
13) Acrolein	2.491	56	14847	75.837	ug/l	96
14) Allyl chloride	2.929	41	87520	20.739	ug/l	99
15) Acrylonitrile	3.321	53	180070	98.488	ug/l	98
16) Acetone	2.639	43	153342	83.986	ug/l	99
17) Carbon Disulfide	2.797	76	134803	20.024	ug/l	99
18) Methyl Acetate	2.954	43	114117	20.604	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	175902	20.158	ug/l	100
20) Methylene Chloride	3.051	84	58248	20.372	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	50554	20.307	ug/l	98
22) Diisopropyl ether	3.996	45	174802	20.371	ug/l	96
23) Vinyl Acetate	3.961	43	671260	97.280	ug/l	100
24) 1,1-Dichloroethane	3.874	63	101502	20.588	ug/l	99
25) 2-Butanone	4.710	43	238162	90.943	ug/l	100
26) 2,2-Dichloropropane	4.668	77	76884	18.755	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	59747	20.350	ug/l	98
28) Bromochloromethane	4.980	49	51044	24.369	ug/l	99
29) Tetrahydrofuran	5.057	42	151636	96.078	ug/l	99
30) Chloroform	5.092	83	97591	19.792	ug/l	98
31) Cyclohexane	5.391	56	99450	20.492	ug/l	96
32) 1,1,1-Trichloroethane	5.321	97	80946	19.898	ug/l	99
36) 1,1-Dichloropropene	5.530	75	74027	19.987	ug/l	100
37) Ethyl Acetate	4.806	43	88350	18.254	ug/l	100
38) Carbon Tetrachloride	5.530	117	64872	20.308	ug/l	98
39) Methylcyclohexane	6.768	83	90467	19.872	ug/l	97
40) Benzene	5.777	78	223675	20.251	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	48103	19.278	ug/l	98
42) 1,2-Dichloroethane	5.800	62	82373	19.196	ug/l	100
43) Isopropyl Acetate	5.916	43	135975	18.676	ug/l	100
44) Trichloroethene	6.546	130	51944	19.974	ug/l	97
45) 1,2-Dichloropropane	6.793	63	58573	20.002	ug/l	97
46) Dibromomethane	6.922	93	38944	19.813	ug/l	99
47) Bromodichloromethane	7.108	83	74861	19.595	ug/l	97
48) Methyl methacrylate	6.964	41	62687	17.762	ug/l	99
49) 1,4-Dioxane	7.002	88	32657	394.885	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	438771	84.443	ug/l	100
52) Toluene	7.973	92	137229	19.916	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	84528	19.474	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	91049	19.956	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	55444	19.425	ug/l	98
56) Ethyl methacrylate	8.337	69	88194	17.944	ug/l	99
57) 1,3-Dichloropropane	8.578	76	98975	19.405	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	242445	151.168	ug/l	99
59) 2-Hexanone	8.687	43	339754	81.258	ug/l	99
60) Dibromochloromethane	8.813	129	52848	19.604	ug/l	100
61) 1,2-Dibromoethane	8.928	107	57124	18.898	ug/l	100
64) Tetrachloroethene	8.555	164	42288	19.658	ug/l	95
65) Chlorobenzene	9.449	112	138047	19.907	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	46297	19.251	ug/l	100
67) Ethyl Benzene	9.575	91	252730	19.833	ug/l	100
68) m/p-Xylenes	9.697	106	195012	39.433	ug/l	99
69) o-Xylene	10.102	106	94012	19.224	ug/l	99
70) Styrene	10.118	104	157598	19.283	ug/l	100
71) Bromoform	10.295	173	36545	18.139	ug/l #	100
73) Isopropylbenzene	10.488	105	243172	20.102	ug/l	100
74) N-amyl acetate	10.320	43	109378	18.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	94721	18.470	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	96071m	20.405	ug/l	
77) Bromobenzene	10.787	156	56121	19.340	ug/l	99
78) n-propylbenzene	10.909	91	296357	20.153	ug/l	100
79) 2-Chlorotoluene	10.989	91	177017	19.273	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	207508	19.725	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.549	75	28887	17.374	ug/l	97
82) 4-Chlorotoluene	11.099	91	202388	19.528	ug/l	100
83) tert-Butylbenzene	11.423	119	197804	19.398	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	207127	19.934	ug/l	100
85) sec-Butylbenzene	11.645	105	261332	19.852	ug/l	99
86) p-Isopropyltoluene	11.796	119	212657	20.093	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	108294	19.557	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	109655	19.328	ug/l	99
89) n-Butylbenzene	12.211	91	197556	20.116	ug/l	100
90) Hexachloroethane	12.478	117	35703	18.707	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	108084	19.131	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	22105	18.201	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	69833	21.501	ug/l	99
94) Hexachlorobutadiene	14.025	225	26806	20.105	ug/l	99
95) Naphthalene	14.089	128	269534	21.969	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	73750	22.504	ug/l	100

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

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