

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045452.D
 Acq On : 28 Oct 2021 21:58
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102921

Quant Time: Oct 29 11:10:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 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	196214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	370810	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	350093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	170351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	166107	51.999	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.000%			
35) Dibromofluoromethane	5.292	113	123310	52.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.600%			
50) Toluene-d8	7.903	98	484154	52.365	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.720%			
62) 4-Bromofluorobenzene	10.636	95	183240	52.010	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	144480	50.265	ug/l	100
3) Chloromethane	1.520	50	188858	48.371	ug/l	99
4) Vinyl Chloride	1.604	62	169569	52.316	ug/l	100
5) Bromomethane	1.858	94	95098	48.330	ug/l	100
6) Chloroethane	1.935	64	98985	50.688	ug/l	96
7) Trichlorofluoromethane	2.141	101	191612	52.800	ug/l	100
8) Diethyl Ether	2.379	74	89337	53.097	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	114314	52.431	ug/l	99
10) Methyl Iodide	2.726	142	115253	53.888	ug/l	99
11) Tert butyl alcohol	3.211	59	178782	259.283	ug/l	99
12) 1,1-Dichloroethene	2.581	96	116976	52.182	ug/l	98
13) Acrolein	2.491	56	39672	257.067	ug/l	99
14) Allyl chloride	2.929	41	219112	53.230	ug/l	99
15) Acrylonitrile	3.321	53	439732	263.037	ug/l	98
16) Acetone	2.639	43	352128	242.810	ug/l	100
17) Carbon Disulfide	2.797	76	343155	52.601	ug/l	100
18) Methyl Acetate	2.954	43	279683	51.789	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	438553	53.171	ug/l	100
20) Methylene Chloride	3.051	84	140623	48.662	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	125837	52.091	ug/l	99
22) Diisopropyl ether	3.996	45	434194	53.940	ug/l	100
23) Vinyl Acetate	3.961	43	1692891	271.125	ug/l	100
24) 1,1-Dichloroethane	3.874	63	248330	52.646	ug/l	100
25) 2-Butanone	4.707	43	569829	260.279	ug/l	100
26) 2,2-Dichloropropane	4.671	77	184630	50.524	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	147830	53.180	ug/l	99
28) Bromochloromethane	4.980	49	114992	49.424	ug/l	100
29) Tetrahydrofuran	5.057	42	371394	261.583	ug/l	100
30) Chloroform	5.092	83	240361	52.553	ug/l	99
31) Cyclohexane	5.391	56	235839	49.588	ug/l	100
32) 1,1,1-Trichloroethane	5.321	97	198796	52.961	ug/l	99
36) 1,1-Dichloropropene	5.530	75	183639	52.025	ug/l	99
37) Ethyl Acetate	4.806	43	215751	50.469	ug/l	99
38) Carbon Tetrachloride	5.530	117	157474	51.153	ug/l	99
39) Methylcyclohexane	6.768	83	227999	51.942	ug/l	99
40) Benzene	5.777	78	548309	51.603	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	118514	52.385	ug/l	99
42) 1,2-Dichloroethane	5.800	62	200250	51.314	ug/l	99
43) Isopropyl Acetate	5.912	43	336474	52.228	ug/l	100
44) Trichloroethene	6.546	130	128280	52.089	ug/l	99
45) 1,2-Dichloropropane	6.797	63	143503	51.318	ug/l	97
46) Dibromomethane	6.922	93	95897	52.669	ug/l	99
47) Bromodichloromethane	7.108	83	186689	52.099	ug/l	97
48) Methyl methacrylate	6.961	41	161541	52.902	ug/l	99
49) 1,4-Dioxane	7.002	88	71458	920.794	ug/l #	100
51) 4-Methyl-2-Pentanone	7.793	43	1081162	259.648	ug/l	99
52) Toluene	7.973	92	337488	52.250	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	214867	52.610	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	230160	52.622	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	135691	51.430	ug/l	99
56) Ethyl methacrylate	8.337	69	230938	47.907	ug/l	100
57) 1,3-Dichloropropane	8.578	76	238267	50.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	617059	255.157	ug/l	99
59) 2-Hexanone	8.687	43	836791	259.375	ug/l	100
60) Dibromochloromethane	8.813	129	132277	52.240	ug/l	100
61) 1,2-Dibromoethane	8.928	107	143639	51.977	ug/l	99
64) Tetrachloroethene	8.555	164	101899	50.919	ug/l	99
65) Chlorobenzene	9.449	112	337702	50.876	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	115863	51.736	ug/l	99
67) Ethyl Benzene	9.575	91	634766	52.205	ug/l	100
68) m/p-Xylenes	9.697	106	486494	105.995	ug/l	100
69) o-Xylene	10.102	106	238232	53.231	ug/l	100
70) Styrene	10.118	104	403984	48.842	ug/l	99
71) Bromoform	10.295	173	96336	47.656	ug/l #	100
73) Isopropylbenzene	10.488	105	611181	53.208	ug/l	100
74) N-amyl acetate	10.321	43	288956	48.535	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.787	83	232456	50.990	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	207703m	45.761	ug/l	
77) Bromobenzene	10.784	156	141928	52.956	ug/l	100
78) n-propylbenzene	10.909	91	749168	53.796	ug/l	100
79) 2-Chlorotoluene	10.989	91	444272	53.001	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	524530	54.269	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	78196	48.231	ug/l	98
82) 4-Chlorotoluene	11.099	91	514715	53.999	ug/l	100
83) tert-Butylbenzene	11.423	119	500265	53.620	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	523378	54.043	ug/l	100
85) sec-Butylbenzene	11.648	105	662797	54.136	ug/l	100
86) p-Isopropyltoluene	11.796	119	543446	50.104	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	272470	51.502	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	274248	50.693	ug/l	100
89) n-Butylbenzene	12.211	91	522124	49.199	ug/l	99
90) Hexachloroethane	12.478	117	92552	52.962	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	269979	51.023	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	57585	52.590	ug/l	100
93) 1,2,4-Trichlorobenzene	13.845	180	187400	52.886	ug/l	100
94) Hexachlorobutadiene	14.025	225	68869	53.378	ug/l	99
95) Naphthalene	14.089	128	704555	50.291	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	190665	53.381	ug/l	99

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

