

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045450.D
 Acq On : 28 Oct 2021 20:49
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 29 04:04:28 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	198572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	371992	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	355519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	177086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	321391	96.979	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 193.960%#			
35) Dibromofluoromethane	5.295	113	235521	99.574	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.140%#			
50) Toluene-d8	7.902	98	933952	99.788	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.580%#			
62) 4-Bromofluorobenzene	10.635	95	357552	94.399	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 188.800%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	295509	118.071	ug/l	99
3) Chloromethane	1.520	50	393047	118.695	ug/l	98
4) Vinyl Chloride	1.604	62	351247	110.166	ug/l	99
5) Bromomethane	1.858	94	198224	142.087	ug/l	98
6) Chloroethane	1.935	64	189706	80.293	ug/l	99
7) Trichlorofluoromethane	2.137	101	390703	95.196	ug/l	100
8) Diethyl Ether	2.379	74	183300	97.167	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	234641	99.598	ug/l	100
10) Methyl Iodide	2.723	142	229563	98.552	ug/l	100
11) Tert butyl alcohol	3.231	59	359396	399.630	ug/l	98
12) 1,1-Dichloroethene	2.581	96	240160	103.176	ug/l	99
13) Acrolein	2.494	56	78272	390.993	ug/l	99
14) Allyl chloride	2.925	41	451627	104.662	ug/l	100
15) Acrylonitrile	3.324	53	909898	486.697	ug/l	99
16) Acetone	2.645	43	759397	406.757	ug/l	99
17) Carbon Disulfide	2.797	76	700332	101.736	ug/l	100
18) Methyl Acetate	2.954	43	581262	102.636	ug/l	99
19) Methyl tert-butyl Ether	3.369	73	893351	100.122	ug/l	100
20) Methylene Chloride	3.047	84	289018	98.853	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	258890	101.702	ug/l	98
22) Diisopropyl ether	3.996	45	881215	100.433	ug/l	100
23) Vinyl Acetate	3.961	43	3482236	493.528	ug/l	100
24) 1,1-Dichloroethane	3.874	63	505475	100.266	ug/l	99
25) 2-Butanone	4.713	43	1198562	447.588	ug/l	99
26) 2,2-Dichloropropane	4.671	77	391316	93.353	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	303424	101.071	ug/l	99
28) Bromochloromethane	4.980	49	222142	103.717	ug/l	100
29) Tetrahydrofuran	5.057	42	768228	476.030	ug/l	100
30) Chloroform	5.092	83	485304	96.251	ug/l	100
31) Cyclohexane	5.391	56	479824	96.692	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	407866	98.053	ug/l	99
36) 1,1-Dichloropropene	5.530	75	374015	97.791	ug/l	99
37) Ethyl Acetate	4.806	43	447803	89.600	ug/l	100
38) Carbon Tetrachloride	5.530	117	325835	98.779	ug/l	98
39) Methylcyclohexane	6.767	83	473889	100.806	ug/l	99
40) Benzene	5.777	78	1111910	97.491	ug/l	100

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41) Methacrylonitrile	4.977	41	245454	95.264	ug/l	99
42) 1,2-Dichloroethane	5.796	62	401030	90.503	ug/l	100
43) Isopropyl Acetate	5.912	43	697636	92.793	ug/l	99
44) Trichloroethene	6.546	130	259255	96.545	ug/l	100
45) 1,2-Dichloropropane	6.793	63	292730	96.807	ug/l	99
46) Dibromomethane	6.922	93	194303	95.732	ug/l	99
47) Bromodichloromethane	7.108	83	385649	97.757	ug/l	97
48) Methyl methacrylate	6.964	41	336045	92.208	ug/l	100
49) 1,4-Dioxane	7.028	88	151258	1771.232	ug/l #	100
51) 4-Methyl-2-Pentanone	7.796	43	2276887	424.355	ug/l	99
52) Toluene	7.973	92	686960	96.548	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	451429	100.716	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	481783	102.260	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	276135	93.691	ug/l	100
56) Ethyl methacrylate	8.337	69	490948	96.733	ug/l	99
57) 1,3-Dichloropropane	8.578	76	491590	93.337	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	1287138	777.202	ug/l	99
59) 2-Hexanone	8.690	43	1798074	416.459	ug/l	100
60) Dibromochloromethane	8.816	129	274961	98.774	ug/l	99
61) 1,2-Dibromoethane	8.928	107	296033	94.840	ug/l	99
64) Tetrachloroethene	8.555	164	209174	92.242	ug/l	99
65) Chlorobenzene	9.449	112	697073	95.360	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	243391	96.007	ug/l	100
67) Ethyl Benzene	9.574	91	1314328	97.847	ug/l	100
68) m/p-Xylenes	9.697	106	1004121	192.617	ug/l	100
69) o-Xylene	10.102	106	491174	95.281	ug/l	100
70) Styrene	10.118	104	845122	98.095	ug/l	99
71) Bromoform	10.295	173	206876	97.409	ug/l #	99
73) Isopropylbenzene	10.488	105	1261504	96.678	ug/l	100
74) N-amyl acetate	10.324	43	635414	98.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	496586	89.769	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	498930m	98.243	ug/l	
77) Bromobenzene	10.787	156	294352	94.038	ug/l	99
78) n-propylbenzene	10.909	91	1567419	98.814	ug/l	100
79) 2-Chlorotoluene	10.989	91	918511	92.709	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	1088794	95.951	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	173745	96.876	ug/l	98
82) 4-Chlorotoluene	11.099	91	1070880	95.790	ug/l	100
83) tert-Butylbenzene	11.423	119	1049807	95.444	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	1093767	97.588	ug/l	99
85) sec-Butylbenzene	11.645	105	1378942	97.114	ug/l	100
86) p-Isopropyltoluene	11.796	119	1140947	99.943	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	568031	95.099	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	578543	94.540	ug/l	99
89) n-Butylbenzene	12.211	91	1117582	105.497	ug/l	99
90) Hexachloroethane	12.478	117	201543	97.898	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	576726	94.634	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	125882	96.090	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	399259	113.964	ug/l	100
94) Hexachlorobutadiene	14.024	225	146700	102.005	ug/l	99
95) Naphthalene	14.089	128	1498948	113.263	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	400636	113.335	ug/l	99

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

