

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102521\
 Data File : VU045377.D
 Acq On : 25 Oct 2021 12:17
 Operator : SY/MD
 Sample : VU1025WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1025WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 9:19:50 AM

Quant Time: Oct 26 04:40:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	188176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	346158	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	326019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	146157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	169007	53.954	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.900%			
35) Dibromofluoromethane	5.292	113	119883	54.900	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.800%			
50) Toluene-d8	7.903	98	462182	53.567	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.140%			
62) 4-Bromofluorobenzene	10.642	95	173226	48.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	51231	21.985	ug/l	98
3) Chloromethane	1.517	50	59855	19.831	ug/l	99
4) Vinyl Chloride	1.604	62	60163	19.963	ug/l	98
5) Bromomethane	1.851	94	30419	25.731	ug/l	99
6) Chloroethane	1.922	64	18732	8.091	ug/l	98
7) Trichlorofluoromethane	2.105	101	36342	9.131	ug/l	99
8) Diethyl Ether	2.372	74	37150	20.367	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.559	101	44694	19.746	ug/l	99
10) Methyl Iodide	2.710	142	54612	22.606	ug/l	97
11) Tert butyl alcohol	3.472	59	86207m	95.890	ug/l	
12) 1,1-Dichloroethene	2.562	96	43120	19.327	ug/l	95
13) Acrolein	2.491	56	17332	100.765	ug/l	97
14) Allyl chloride	2.912	41	79184	19.178	ug/l	98
15) Acrylonitrile	3.327	53	187784	103.570	ug/l	100
16) Acetone	2.649	43	191882	103.199	ug/l	99
17) Carbon Disulfide	2.774	76	119979	18.217	ug/l	99
18) Methyl Acetate	2.954	43	123185	22.668	ug/l	98
19) Methyl tert-butyl Ether	3.372	73	178292	20.702	ug/l	99
20) Methylene Chloride	3.041	84	55380	19.774	ug/l	93
21) trans-1,2-Dichloroethene	3.343	96	48671	19.942	ug/l	95
22) Diisopropyl ether	4.002	45	171958	20.399	ug/l	98
23) Vinyl Acetate	3.961	43	677715	98.852	ug/l	98
24) 1,1-Dichloroethane	3.864	63	96327	19.906	ug/l	100
25) 2-Butanone	4.723	43	226486	85.735	ug/l	99
26) 2,2-Dichloropropane	4.662	77	79831	19.513	ug/l	100
27) cis-1,2-Dichloroethene	4.665	96	57223	19.852	ug/l	98
28) Bromochloromethane	4.977	49	35346	17.623	ug/l	93
29) Tetrahydrofuran	5.063	42	165447	105.210	ug/l	97
30) Chloroform	5.092	83	95656	19.612	ug/l	99
31) Cyclohexane	5.382	56	93521	19.655	ug/l	94
32) 1,1,1-Trichloroethane	5.314	97	79033	19.639	ug/l	97
36) 1,1-Dichloropropene	5.523	75	69162	19.106	ug/l	99
37) Ethyl Acetate	4.813	43	129228	26.980	ug/l #	94
38) Carbon Tetrachloride	5.523	117	61618	19.671	ug/l	99
39) Methylcyclohexane	6.764	83	86360	19.433	ug/l	97
40) Benzene	5.774	78	212475	19.707	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.983	41	44026	17.855	ug/l #	89
42) 1,2-Dichloroethane	5.797	62	81878	19.322	ug/l	100
43) Isopropyl Acetate	5.922	43	151023	20.958	ug/l	100
44) Trichloroethene	6.543	130	48591	19.115	ug/l	97
45) 1,2-Dichloropropane	6.793	63	57047	19.957	ug/l	98
46) Dibromomethane	6.922	93	39279	20.398	ug/l	99
47) Bromodichloromethane	7.112	83	74129	19.827	ug/l	100
48) Methyl methacrylate	6.970	41	66202	18.875	ug/l	96
49) 1,4-Dioxane	7.054	88	33783	352.232	ug/l #	1
51) 4-Methyl-2-Pentanone	7.832	43	476292	90.793	ug/l	98
52) Toluene	7.973	92	131479	19.485	ug/l	99
53) t-1,3-Dichloropropene	8.218	75	85561	20.012	ug/l	98
54) cis-1,3-Dichloropropene	7.613	75	91151	20.467	ug/l	95
55) 1,1,2-Trichloroethane	8.411	97	55998	19.917	ug/l	99
56) Ethyl methacrylate	8.350	69	94267	18.459	ug/l	95
57) 1,3-Dichloropropane	8.581	76	97922	19.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	162991	107.108	ug/l	97
59) 2-Hexanone	8.713	43	369653	86.531	ug/l	96
60) Dibromochloromethane	8.822	129	52806	19.118	ug/l	99
61) 1,2-Dibromoethane	8.931	107	58474	19.565	ug/l	98
64) Tetrachloroethene	8.559	164	39726	18.670	ug/l	98
65) Chlorobenzene	9.456	112	133515	19.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.546	131	47584	19.940	ug/l	98
67) Ethyl Benzene	9.578	91	247245	19.657	ug/l	100
68) m/p-Xylenes	9.700	106	189047	38.687	ug/l	98
69) o-Xylene	10.108	106	93835	19.348	ug/l	100
70) Styrene	10.124	104	152540	18.749	ug/l	99
71) Bromoform	10.308	173	37955	17.337	ug/l #	97
73) Isopropylbenzene	10.491	105	242051	22.239	ug/l	99
74) N-amyl acetate	10.333	43	116075	21.180	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.796	83	96000	20.385	ug/l	100
76) 1,2,3-Trichloropropane	10.838	75	87524m	20.530	ug/l	
77) Bromobenzene	10.793	156	54537	20.751	ug/l	97
78) n-propylbenzene	10.912	91	287695	21.690	ug/l	99
79) 2-Chlorotoluene	10.996	91	173596	20.880	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	200967	21.077	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.558	75	31135	20.268	ug/l	98
82) 4-Chlorotoluene	11.105	91	194545	20.702	ug/l	99
83) tert-Butylbenzene	11.427	119	194220	20.942	ug/l	100
84) 1,2,4-Trimethylbenzene	11.475	105	201216	21.331	ug/l	100
85) sec-Butylbenzene	11.652	105	250965	21.013	ug/l	100
86) p-Isopropyltoluene	11.800	119	203638	21.196	ug/l	99
87) 1,3-Dichlorobenzene	11.755	146	100243	19.917	ug/l	99
88) 1,4-Dichlorobenzene	11.845	146	101495	19.713	ug/l	98
89) n-Butylbenzene	12.214	91	180198	20.364	ug/l	99
90) Hexachloroethane	12.481	117	36408	20.986	ug/l	100
91) 1,2-Dichlorobenzene	12.221	146	101771	19.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	23183	20.863	ug/l	99
93) 1,2,4-Trichlorobenzene	13.844	180	61183	21.338	ug/l	99
94) Hexachlorobutadiene	14.025	225	24540	20.503	ug/l	97
95) Naphthalene	14.092	128	230506	21.375	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	64020	22.232	ug/l	100

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

