

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102921\
 Data File : VU045446.D
 Acq On : 28 Oct 2021 19:17
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Oct 29 04:18:47 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	189868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	358382	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	331077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	153158	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.385	85	1988	0.831	ug/l	97
3) Chloromethane	1.520	50	4321	1.365	ug/l	100
4) Vinyl Chloride	1.604	62	2910	0.955	ug/l	98
6) Chloroethane	1.935	64	2023	0.895	ug/l	97
7) Trichlorofluoromethane	2.141	101	3144	0.801	ug/l	98
8) Diethyl Ether	2.379	74	1356	0.752	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.584	101	1877	0.833	ug/l	97
12) 1,1-Dichloroethene	2.584	96	2119	0.952	ug/l	91
14) Allyl chloride	2.928	41	3640	0.882	ug/l	94
15) Acrylonitrile	3.327	53	7341	4.107	ug/l	97
16) Acetone	2.639	43	7457	4.177	ug/l	98
17) Carbon Disulfide	2.797	76	6242	0.948	ug/l	98
18) Methyl Acetate	2.954	43	5030	0.929	ug/l	93
19) Methyl tert-butyl Ether	3.369	73	7426	0.870	ug/l	98
20) Methylene Chloride	3.051	84	3329	1.191	ug/l	91
21) trans-1,2-Dichloroethene	3.356	96	2256	0.927	ug/l	95
22) Diisopropyl ether	3.999	45	6767	0.807	ug/l #	86
23) Vinyl Acetate	3.964	43	25989	3.852	ug/l	96
24) 1,1-Dichloroethane	3.877	63	4174	0.866	ug/l #	92
25) 2-Butanone	4.719	43	9338	3.647	ug/l	99
26) 2,2-Dichloropropane	4.671	77	3403	0.849	ug/l #	72
27) cis-1,2-Dichloroethene	4.671	96	2316	0.807	ug/l	95
28) Bromochloromethane	4.977	49	2391	1.168	ug/l #	99
29) Tetrahydrofuran	5.067	42	6420	4.160	ug/l	93
30) Chloroform	5.092	83	4183	0.868	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	3307	0.831	ug/l #	51
36) 1,1-Dichloropropene	5.533	75	3074	0.834	ug/l	98
37) Ethyl Acetate	4.816	43	4033	0.838	ug/l #	84
38) Carbon Tetrachloride	5.526	117	2702	0.850	ug/l	92
39) Methylcyclohexane	6.764	83	3817	0.843	ug/l	88
40) Benzene	5.777	78	9580	0.872	ug/l	98
41) Methacrylonitrile	4.983	41	1797	0.724	ug/l	98
42) 1,2-Dichloroethane	5.797	62	3569	0.836	ug/l	92
43) Isopropyl Acetate	5.915	43	5294	0.731	ug/l	95
44) Trichloroethene	6.549	130	2178	0.842	ug/l	98
45) 1,2-Dichloropropane	6.796	63	2491	0.855	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.922	93	1489	0.761	ug/l	96
47) Bromodichloromethane	7.105	83	2915	0.767	ug/l	96
48) Methyl methacrylate	6.960	41	2569	0.732	ug/l	96
49) 1,4-Dioxane	7.005	88	1684	20.469	ug/l #	93
51) 4-Methyl-2-Pentanone	7.793	43	16693	3.229	ug/l	98
52) Toluene	7.973	92	5305	0.774	ug/l	95
53) t-1,3-Dichloropropene	8.214	75	3421	0.792	ug/l #	88
54) cis-1,3-Dichloropropene	7.610	75	3437	0.757	ug/l	94
55) 1,1,2-Trichloroethane	8.404	97	2414	0.850	ug/l	94
56) Ethyl methacrylate	8.337	69	2808	0.574	ug/l	90
57) 1,3-Dichloropropane	8.578	76	4066	0.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.468	63	10193	6.388	ug/l	97
59) 2-Hexanone	8.687	43	12651	3.041	ug/l	94
60) Dibromochloromethane	8.812	129	2139	0.798	ug/l	94
61) 1,2-Dibromoethane	8.925	107	2429	0.808	ug/l	94
64) Tetrachloroethene	8.558	164	1812	0.858	ug/l	97
65) Chlorobenzene	9.449	112	6098	0.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	1841	0.780	ug/l #	60
67) Ethyl Benzene	9.571	91	10295	0.823	ug/l	96
68) m/p-Xylenes	9.697	106	7296	1.503	ug/l	95
69) o-Xylene	10.102	106	3529	0.735	ug/l	95
70) Styrene	10.118	104	5721	0.713	ug/l	97
71) Bromoform	10.298	173	1406	0.711	ug/l #	85
73) Isopropylbenzene	10.488	105	9286	0.823	ug/l	96
74) N-amyl acetate	10.324	43	3425	0.613	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.783	83	3819	0.798	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	3786m	0.862	ug/l	
77) Bromobenzene	10.783	156	2176	0.804	ug/l	94
78) n-propylbenzene	10.909	91	10260	0.748	ug/l	99
79) 2-Chlorotoluene	10.992	91	6641	0.775	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	7093	0.723	ug/l	99
82) 4-Chlorotoluene	11.102	91	7005	0.724	ug/l	98
83) tert-Butylbenzene	11.423	119	7042	0.740	ug/l	96
84) 1,2,4-Trimethylbenzene	11.472	105	7258	0.749	ug/l	99
85) sec-Butylbenzene	11.645	105	8937	0.728	ug/l	99
86) p-Isopropyltoluene	11.796	119	6770	0.686	ug/l	91
87) 1,3-Dichlorobenzene	11.748	146	4647	0.900	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	5077m	0.959	ug/l	
89) n-Butylbenzene	12.211	91	6514	0.711	ug/l	99
90) Hexachloroethane	12.478	117	1314	0.738	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	4594	0.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.005	75	892	0.787	ug/l	86
93) 1,2,4-Trichlorobenzene	13.844	180	3162	1.044	ug/l	90
94) Hexachlorobutadiene	14.024	225	942	0.757	ug/l	89
95) Naphthalene	14.089	128	9366	0.818	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	3030	0.991	ug/l	97

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

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