

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047041.D
 Acq On : 04 Feb 2022 12:41
 Operator : SY/MD
 Sample : VSTD00154
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001054

Quant Time: Feb 05 01:00:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 00:59:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95320	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	110954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	54075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	12808	1.425	ug/L	0.00
7) Chloroethane-d5	1.916	69	9875	1.406	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	4263	1.216	ug/L	0.00
20) 2-Butanone-d5	4.632	46	21732	9.113	ug/L	0.00
24) Chloroform-d	5.066	84	19709	1.276	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	10420	1.261	ug/L	0.00
32) Benzene-d6	5.732	84	36450	1.066	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	11994	1.170	ug/L	0.00
41) Toluene-d8	7.902	98	29908	0.953	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	3993	0.899	ug/L	0.00
46) 2-Hexanone-d5	8.635	63	15346	6.292	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	9817	0.984	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	11014	1.056	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	8385	0.946	ug/L	100
3) Chloromethane	1.526	50	10748	1.342	ug/L	91
5) Vinyl chloride	1.607	62	10841	1.313	ug/L	100
6) Bromomethane	1.861	94	5954	1.189	ug/L	99
8) Chloroethane	1.938	64	6299	1.307	ug/L	97
9) Trichlorofluoromethane	2.144	101	13497	1.318	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	8155	1.342	ug/L	98
12) 1,1-Dichloroethene	2.587	96	6638	1.168	ug/L	96
13) Acetone	2.645	43	13974	10.638	ug/L	95
14) Carbon disulfide	2.803	76	22399	1.227	ug/L	100
15) Methyl Acetate	2.957	43	2690	0.931	ug/L	92
16) Methylene chloride	3.054	84	9434	1.376	ug/L	95
17) Methyl tert-butyl Ether	3.366	73	14436	0.969	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	7188	1.190	ug/L	97
19) 1,1-Dichloroethane	3.877	63	13326	1.273	ug/L	98
21) 2-Butanone	4.710	43	18113	8.670	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	6990	1.092	ug/L	88
23) Bromochloromethane	4.980	128	3774	1.209	ug/L	90
25) Chloroform	5.092	83	15694	1.006	ug/L	98
27) 1,2-Dichloroethane	5.796	62	8678	1.209	ug/L #	90
29) 1,1,1-Trichloroethane	5.321	97	12632	1.218	ug/L	97
30) Cyclohexane	5.398	56	8691	0.867	ug/L	98
31) Carbon tetrachloride	5.529	117	10685	1.201	ug/L	94
33) Benzene	5.780	78	29600	1.098	ug/L	100
34) Trichloroethene	6.549	95	7608	1.101	ug/L	96
35) Methylcyclohexane	6.771	83	8696	0.777	ug/L	94
37) 1,2-Dichloropropane	6.796	63	7485	1.110	ug/L	99
38) Bromodichloromethane	7.105	83	10739	1.125	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	9330	0.932	ug/L	94
40) 4-Methyl-2-pentanone	7.793	43	35433	7.744	ug/L	94
42) Toluene	7.973	91	28038	0.871	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	8385	0.936	ug/L	98

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45) 1,1,2-Trichloroethane	8.401	97	5430	0.974	ug/L	84
47) Tetrachloroethene	8.555	164	5708	1.023	ug/L	94
48) 2-Hexanone	8.687	43	27870	7.944	ug/L	98
49) Dibromochloromethane	8.812	129	6749	1.033	ug/L	98
50) 1,2-Dibromoethane	8.925	107	5270	0.959	ug/L #	96
51) Chlorobenzene	9.449	112	20013	1.077	ug/L	97
52) Ethylbenzene	9.574	91	26829	0.896	ug/L	98
53) m,p-Xylene	9.697	106	9729	0.818	ug/L	97
54) o-Xylene	10.102	106	8863	0.767	ug/L	81
55) Styrene	10.121	104	14756	0.772	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	7315	0.990	ug/L	90
59) Bromoform	10.295	173	3559	1.081	ug/L #	97
60) Isopropylbenzene	10.488	105	22679	0.895	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	5596	1.211	ug/L	92
62) 1,3,5-Trimethylbenzene	11.092	105	16241	0.803	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	16248	0.779	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	13684	1.063	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	14069	1.076	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	13059	1.051	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	1075	1.150	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.224	180	10218	1.022	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	8340	1.015	ug/L	98
71) Naphthalene	14.089	128	12011	0.743	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	7324	0.931	ug/L	98

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

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