

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047156.D
 Acq On : 16 Feb 2022 11:51
 Operator : SY/MD
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 16 13:48:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:39:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	183315	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	190675	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	113551	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	167111	11.57	ug/L	0.00
7) Chloroethane-d5	1.919	69	131363	11.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	70025	11.50	ug/L	0.00
20) 2-Butanone-d5	4.639	46	383519	91.57	ug/L	0.00
24) Chloroform-d	5.070	84	280562	10.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	152822	10.10	ug/L	0.00
32) Benzene-d6	5.732	84	580618	10.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	184084	11.53	ug/L	0.00
41) Toluene-d8	7.899	98	562559	11.66	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	83933	11.36	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	437319	100.83	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	164828	10.05	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	220063	10.52	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	164676	5.87	ug/L	99
3) Chloromethane	1.527	50	171978	7.12	ug/L	100
5) Vinyl chloride	1.610	62	177954	7.48	ug/L	99
6) Bromomethane	1.864	94	107111	7.48	ug/L	99
8) Chloroethane	1.941	64	105192	7.53	ug/L	100
9) Trichlorofluoromethane	2.147	101	221115	7.11	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	132275	8.35	ug/L	95
12) 1,1-Dichloroethene	2.588	96	125022	7.75	ug/L	91
13) Acetone	2.655	43	180204	45.89	ug/L	95
14) Carbon disulfide	2.800	76	423283	8.04	ug/L	99
15) Methyl Acetate	2.961	43	65363	8.24	ug/L	93
16) Methylene chloride	3.054	84	138192	7.04	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	342330	7.28	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	136988	7.96	ug/L	97
19) 1,1-Dichloroethane	3.877	63	241597	7.62	ug/L	100
21) 2-Butanone	4.719	43	348458	58.49	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	148938	7.92	ug/L	99
23) Bromochloromethane	4.980	128	69805	7.46	ug/L	91
25) Chloroform	5.092	83	245411	7.17	ug/L	97
27) 1,2-Dichloroethane	5.800	62	163609	6.69	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	216501	6.87	ug/L	99
30) Cyclohexane	5.395	56	238302	9.14	ug/L	99
31) Carbon tetrachloride	5.530	117	192338	7.27	ug/L	100
33) Benzene	5.777	78	569172	7.51	ug/L	100
34) Trichloroethene	6.546	95	151293	7.58	ug/L	96
35) Methylcyclohexane	6.768	83	261360	9.28	ug/L	95
37) 1,2-Dichloropropane	6.793	63	145604	7.53	ug/L	99
38) Bromodichloromethane	7.108	83	189126	7.07	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	239231	8.18	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	1029217	70.95	ug/L	99
42) Toluene	7.973	91	639297	8.22	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	209007	7.71	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	112605	6.76	ug/L	96
47) Tetrachloroethene	8.555	164	124652	8.82	ug/L	94
48) 2-Hexanone	8.687	43	776420	71.67	ug/L	99
49) Dibromochloromethane	8.812	129	140890	7.33	ug/L	99
50) 1,2-Dibromoethane	8.925	107	113762	7.07	ug/L #	95
51) Chlorobenzene	9.449	112	410433	8.26	ug/L	98
52) Ethylbenzene	9.571	91	702765	8.73	ug/L	99
53) m,p-Xylene	9.697	106	276291	8.96	ug/L	97
54) o-Xylene	10.102	106	266909	9.01	ug/L	98
55) Styrene	10.115	104	457131	8.89	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	149505	6.86	ug/L	96
59) Bromoform	10.292	173	87439	6.67	ug/L #	97
60) Isopropylbenzene	10.488	105	708301	8.09	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	108485	5.75	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	468124	6.43	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	604309	8.24	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	333637	7.84	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	332287	7.63	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	316408	7.41	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	25444	5.83	ug/L	83
69) 1,3,5-Trichlorobenzene	13.217	180	273893	8.50	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	251372	9.21	ug/L	98
71) Naphthalene	14.086	128	498785	8.23	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	229453	8.49	ug/L	98

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

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