

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021622\
 Data File : VU047158.D
 Acq On : 16 Feb 2022 13:28
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 16 14:40:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 13:52:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	181076	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186407	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109314	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	83498	5.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.20%
7) Chloroethane-d5	1.919	69	65638	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.575	65	34190	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.20%
20) 2-Butanone-d5	4.642	46	196904	53.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.74%
24) Chloroform-d	5.070	84	141051	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	5.706	65	76658	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.732	84	292975	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
36) 1,2-Dichloropropane-d6	6.694	67	92186	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.899	98	280355	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
43) trans-1,3-Dichloroprop...	8.182	79	40457	5.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.80%
46) 2-Hexanone-d5	8.636	63	207859	52.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.10%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	78326	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
66) 1,2-Dichlorobenzene-d4	12.192	152	109045	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	81698	5.34	ug/L	100
3) Chloromethane	1.527	50	86036	5.18	ug/L	100
5) Vinyl chloride	1.607	62	90283	5.38	ug/L	99
6) Bromomethane	1.864	94	55468	5.62	ug/L	99
8) Chloroethane	1.941	64	52735	5.45	ug/L	99
9) Trichlorofluoromethane	2.144	101	111122	5.43	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	66253	5.37	ug/L	94
12) 1,1-Dichloroethene	2.588	96	62850	5.27	ug/L	90
13) Acetone	2.658	43	95414	52.14	ug/L	96
14) Carbon disulfide	2.800	76	211668	5.33	ug/L	99
15) Methyl Acetate	2.964	43	30312	5.35	ug/L	100
16) Methylene chloride	3.054	84	69711	5.25	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	170628	5.24	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	68318	5.31	ug/L	97
19) 1,1-Dichloroethane	3.877	63	122286	5.43	ug/L	99
21) 2-Butanone	4.723	43	184678	53.74	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	75730	5.40	ug/L	97
23) Bromochloromethane	4.980	128	35227	5.36	ug/L	92
25) Chloroform	5.092	83	125316	5.32	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	83524	5.30	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	109625	5.43	ug/L	100
30) Cyclohexane	5.395	56	119544	5.43	ug/L	100
31) Carbon tetrachloride	5.530	117	96214	5.47	ug/L	100
33) Benzene	5.777	78	288124	5.44	ug/L	100
34) Trichloroethene	6.546	95	76444	5.41	ug/L	96
35) Methylcyclohexane	6.767	83	128087	5.37	ug/L	98
37) 1,2-Dichloropropane	6.793	63	73209	5.35	ug/L	100
38) Bromodichloromethane	7.108	83	93814	5.36	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	115963	5.45	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	502779	51.46	ug/L	100
42) Toluene	7.973	91	320620	5.44	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	102894	5.36	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	56616	5.33	ug/L	98
47) Tetrachloroethene	8.555	164	62264	5.43	ug/L	94
48) 2-Hexanone	8.687	43	378069	52.05	ug/L	99
49) Dibromochloromethane	8.812	129	69363	5.42	ug/L	100
50) 1,2-Dibromoethane	8.925	107	56369	5.26	ug/L #	98
51) Chlorobenzene	9.449	112	204703	5.38	ug/L	98
52) Ethylbenzene	9.571	91	351786	5.44	ug/L	99
53) m,p-Xylene	9.697	106	137484	5.42	ug/L	97
54) o-Xylene	10.102	106	133077	5.39	ug/L	99
55) Styrene	10.115	104	226839	5.49	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	73673	5.24	ug/L	95
59) Bromoform	10.291	173	42307	5.31	ug/L #	98
60) Isopropylbenzene	10.484	105	352493	5.50	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	52218	5.00	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	229685	5.36	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	298701	5.42	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	165198	5.34	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	166680	5.33	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	156194	5.30	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	12017	4.98	ug/L	84
69) 1,3,5-Trichlorobenzene	13.221	180	136808	5.35	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	123838	5.21	ug/L	98
71) Naphthalene	14.086	128	238741	4.86	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	113000	5.05	ug/L	97

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

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