

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047221.D
 Acq On : 17 Feb 2022 22:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

Quant Time: Feb 18 03:37:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 03:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	199388	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	198893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	116035	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69488	4.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.916	69	57860	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.572	65	28926	4.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.652	46	185582	46.107	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.220%
24) Chloroform-d	5.070	84	129016	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.707	65	66374	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.732	84	257962	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.694	67	81235	4.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.899	98	243757	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.182	79	32112	4.006	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.636	63	186711	44.237	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	69181	4.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	95855	4.604	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	85526	5.072	ug/L	98
3) Chloromethane	1.523	50	118182	6.462	ug/L	100
5) Vinyl chloride	1.607	62	92914	5.029	ug/L	99
6) Bromomethane	1.861	94	25951	2.390	ug/L	97
8) Chloroethane	1.938	64	54229	5.090	ug/L	98
9) Trichlorofluoromethane	2.144	101	112188	4.983	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	69084	5.086	ug/L	92
12) 1,1-Dichloroethene	2.584	96	67653	5.156	ug/L	79
13) Acetone	2.681	43	102081	50.660	ug/L	90
14) Carbon disulfide	2.797	76	195387	4.464	ug/L	99
15) Methyl Acetate	2.970	43	25336	4.062	ug/L #	85
16) Methylene chloride	3.051	84	85849	5.873	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	162217	4.524	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	72093	5.084	ug/L	93
19) 1,1-Dichloroethane	3.877	63	124650	5.029	ug/L	100
21) 2-Butanone	4.732	43	171848	45.412	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	79152	5.129	ug/L	95
23) Bromochloromethane	4.980	128	30078	4.157	ug/L	88
25) Chloroform	5.096	83	129885	5.004	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	82350	4.746	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	115207	5.349	ug/L	98
30) Cyclohexane	5.391	56	115534	4.915	ug/L	97
31) Carbon tetrachloride	5.530	117	93252	4.973	ug/L	100
33) Benzene	5.777	78	297850	5.270	ug/L	100
34) Trichloroethene	6.546	95	78095	5.181	ug/L	95
35) Methylcyclohexane	6.768	83	127280	5.004	ug/L	95
37) 1,2-Dichloropropane	6.793	63	72913	4.991	ug/L	100
38) Bromodichloromethane	7.108	83	87173	4.671	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	102818	4.526	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	444300	42.624	ug/L	97
42) Toluene	7.970	91	325482	5.174	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	85876	4.196	ug/L	90
45) 1,1,2-Trichloroethane	8.404	97	55210	4.867	ug/L	98
47) Tetrachloroethene	8.555	164	66419	5.429	ug/L	91
48) 2-Hexanone	8.687	43	321510	41.485	ug/L	99
49) Dibromochloromethane	8.813	129	53380	3.906	ug/L	95
50) 1,2-Dibromoethane	8.925	107	55250	4.829	ug/L	99
51) Chlorobenzene	9.449	112	208028	5.123	ug/L	97
52) Ethylbenzene	9.571	91	349004	5.062	ug/L	99
53) m,p-Xylene	9.694	106	136141	5.030	ug/L	97
54) o-Xylene	10.102	106	132074	5.011	ug/L	97
55) Styrene	10.115	104	224214	5.085	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	69141	4.605	ug/L	97
59) Bromoform	10.292	173	20275	2.399	ug/L #	96
60) Isopropylbenzene	10.485	105	351489	5.163	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	48314	4.360	ug/L	94
62) 1,3,5-Trimethylbenzene	11.089	105	232669	5.118	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	302222	5.164	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	165183	5.031	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	167108	5.030	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	155616	4.976	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	9596	3.749	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.221	180	136218	5.021	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	122084	4.834	ug/L	98
71) Naphthalene	14.089	128	239197	4.589	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	110851	4.667	ug/L	98

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

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