

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047205.D
 Acq On : 17 Feb 2022 15:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005194

Quant Time: Feb 18 03:30:09 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	166539	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	173012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	101376	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	61859	4.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.919	69	53001	4.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.571	65	25666	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.642	46	174056	51.773	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.540%
24) Chloroform-d	5.070	84	115910	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.706	65	59808	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.732	84	226534	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.693	67	71859	4.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.902	98	220085	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.182	79	30307	4.346	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.636	63	151255	41.197	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	60745	4.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	88179	4.848	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	72916	5.177	ug/L	100
3) Chloromethane	1.523	50	81184	5.315	ug/L	99
5) Vinyl chloride	1.607	62	80247	5.200	ug/L	99
6) Bromomethane	1.861	94	47943	5.286	ug/L	98
8) Chloroethane	1.938	64	47768	5.368	ug/L	98
9) Trichlorofluoromethane	2.144	101	106076	5.641	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	59243	5.222	ug/L	94
12) 1,1-Dichloroethene	2.584	96	56219	5.130	ug/L	85
13) Acetone	2.658	43	96999	57.633	ug/L	95
14) Carbon disulfide	2.800	76	184222	5.039	ug/L	100
15) Methyl Acetate	2.967	43	21773	4.180	ug/L	91
16) Methylene chloride	3.051	84	65091	5.331	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	143274	4.784	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	61723	5.211	ug/L	93
19) 1,1-Dichloroethane	3.877	63	106892	5.163	ug/L	99
21) 2-Butanone	4.723	43	163861	51.843	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	67723	5.254	ug/L	97
23) Bromochloromethane	4.980	128	30447	5.038	ug/L	90
25) Chloroform	5.092	83	114063	5.262	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	70871	4.891	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	98198	5.241	ug/L	99
30) Cyclohexane	5.394	56	102553	5.016	ug/L	99
31) Carbon tetrachloride	5.530	117	85327	5.231	ug/L	99
33) Benzene	5.777	78	255390	5.195	ug/L	100
34) Trichloroethene	6.546	95	68137	5.196	ug/L	96
35) Methylcyclohexane	6.767	83	114509	5.175	ug/L	96
37) 1,2-Dichloropropane	6.793	63	64271	5.058	ug/L	100
38) Bromodichloromethane	7.108	83	82166	5.061	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	98025	4.961	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	394849	43.546	ug/L	99
42) Toluene	7.973	91	290527	5.309	ug/L	97
44) trans-1,3-Dichloropropene	8.214	75	84791	4.763	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	47596	4.823	ug/L	98
47) Tetrachloroethene	8.555	164	56306	5.291	ug/L	92
48) 2-Hexanone	8.687	43	296430	43.970	ug/L	99
49) Dibromochloromethane	8.812	129	58725	4.940	ug/L	99
50) 1,2-Dibromoethane	8.928	107	47186	4.741	ug/L #	100
51) Chlorobenzene	9.449	112	184375	5.219	ug/L	98
52) Ethylbenzene	9.574	91	316830	5.283	ug/L	99
53) m,p-Xylene	9.697	106	124379	5.283	ug/L	99
54) o-Xylene	10.105	106	118120	5.151	ug/L	95
55) Styrene	10.118	104	202885	5.289	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	58260	4.461	ug/L	97
59) Bromoform	10.291	173	33960	4.600	ug/L #	96
60) Isopropylbenzene	10.488	105	312846	5.260	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	42973	4.439	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	205665	5.178	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	264909	5.181	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	149107	5.198	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	149841	5.162	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	139727	5.114	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	9307	4.162	ug/L	88
69) 1,3,5-Trichlorobenzene	13.221	180	125819	5.308	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	111577	5.057	ug/L	98
71) Naphthalene	14.089	128	202824	4.454	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	101342	4.883	ug/L	97

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

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