

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047357.D
 Acq On : 07 Mar 2022 10:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

Quant Time: Mar 07 13:09:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	185807	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	178625	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101578	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60306	4.573	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.919	69	56216	5.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.575	65	25947	4.659	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.639	46	184524	42.621	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.240%
24) Chloroform-d	5.070	84	129448	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.706	65	69093	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.732	84	254596	5.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.693	67	81711	5.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.902	98	235290	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.182	79	35764	5.194	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.635	63	192682	49.170	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	78724	4.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	102969	5.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	63138	5.390	ug/L	100
3) Chloromethane	1.526	50	62291	4.809	ug/L	98
5) Vinyl chloride	1.607	62	60960	4.947	ug/L	98
6) Bromomethane	1.864	94	34188	5.124	ug/L	98
8) Chloroethane	1.938	64	35873	5.034	ug/L	99
9) Trichlorofluoromethane	2.144	101	81005	5.289	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	49971	5.590	ug/L	93
12) 1,1-Dichloroethene	2.587	96	47044	5.166	ug/L	80
13) Acetone	2.652	43	60358	34.537	ug/L	99
14) Carbon disulfide	2.800	76	149277	5.085	ug/L	99
15) Methyl Acetate	2.964	43	17820	4.450	ug/L	93
16) Methylene chloride	3.050	84	50629	4.775	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	115800	4.748	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	49145	4.969	ug/L	90
19) 1,1-Dichloroethane	3.877	63	84583	5.137	ug/L	98
21) 2-Butanone	4.719	43	112962	34.003	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	53704	4.988	ug/L	97
23) Bromochloromethane	4.980	128	26124	4.858	ug/L	85
25) Chloroform	5.092	83	90234	5.008	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	57829	4.765	ug/L	99
29) 1,1,1-Trichloroethane	5.320	97	78048	5.203	ug/L	98
30) Cyclohexane	5.394	56	77553	5.284	ug/L	96
31) Carbon tetrachloride	5.529	117	68712	5.305	ug/L	98
33) Benzene	5.777	78	203210	5.041	ug/L	100
34) Trichloroethene	6.546	95	54374	5.132	ug/L	92
35) Methylcyclohexane	6.767	83	89521	5.510	ug/L	94
37) 1,2-Dichloropropane	6.796	63	49900	4.991	ug/L	99
38) Bromodichloromethane	7.108	83	66153	5.042	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	79354	4.999	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	333108	44.173	ug/L	98
42) Toluene	7.973	91	225195	5.154	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	70562	5.016	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	41544	4.806	ug/L	98
47) Tetrachloroethene	8.555	164	46611	5.164	ug/L	93
48) 2-Hexanone	8.687	43	247756	44.049	ug/L	98
49) Dibromochloromethane	8.812	129	50153	4.930	ug/L	96
50) 1,2-Dibromoethane	8.925	107	41566	4.707	ug/L #	97
51) Chlorobenzene	9.449	112	148285	5.040	ug/L	96
52) Ethylbenzene	9.574	91	242134	5.180	ug/L	98
53) m,p-Xylene	9.697	106	95360	5.134	ug/L	99
54) o-Xylene	10.102	106	92045	5.139	ug/L	97
55) Styrene	10.118	104	156921	5.167	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.787	83	52919	4.422	ug/L	95
59) Bromoform	10.295	173	31861	4.862	ug/L #	98
60) Isopropylbenzene	10.487	105	245163	5.380	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	38276	4.538	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	160971	5.293	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	209679	5.293	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	125882	5.163	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	129015	5.165	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	121007	5.019	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.999	75	8676	4.503	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.220	180	107900	5.308	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	96254	5.210	ug/L	98
71) Naphthalene	14.089	128	169272	4.596	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	87139	5.067	ug/L	97

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

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