

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U030422\
 Data File : U047331.D
 Acq On : 04 Mar 2022 15:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Quant Time: Mar 04 23:13:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:58:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	193826	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	70126	5.098	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.919	69	59343	5.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.575	65	29761	5.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	4.642	46	187863	41.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.200%
24) Chloroform-d	5.070	84	132074	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.706	65	73441	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.732	84	269611	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.694	67	84394	5.154	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.899	98	258672	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	8.182	79	37903	5.268	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.636	63	214683	52.428	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85977	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	110946	5.254	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	74977	6.135	ug/L	99
3) Chloromethane	1.527	50	74194	5.490	ug/L	100
5) Vinyl chloride	1.607	62	72529	5.643	ug/L	99
6) Bromomethane	1.864	94	39797	5.717	ug/L	96
8) Chloroethane	1.941	64	42654	5.738	ug/L	98
9) Trichlorofluoromethane	2.144	101	97213	6.085	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	58262	6.248	ug/L	92
12) 1,1-Dichloroethene	2.588	96	55296	5.820	ug/L	80
13) Acetone	2.662	43	76741	42.095	ug/L	99
14) Carbon disulfide	2.800	76	177548	5.798	ug/L	99
15) Methyl Acetate	2.967	43	24989	5.983	ug/L	97
16) Methylene chloride	3.054	84	61867	5.594	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	143685	5.648	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	59556	5.772	ug/L	90
19) 1,1-Dichloroethane	3.877	63	100235	5.835	ug/L	99
21) 2-Butanone	4.723	43	151204	43.631	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	64391	5.733	ug/L	95
23) Bromochloromethane	4.980	128	32144	5.730	ug/L	# 84
25) Chloroform	5.092	83	105907	5.635	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	70517	5.570	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	91768	5.855	ug/L	98
30) Cyclohexane	5.395	56	94302	6.149	ug/L	97
31) Carbon tetrachloride	5.530	117	80390	5.940	ug/L	100
33) Benzene	5.777	78	242372	5.754	ug/L	100
34) Trichloroethene	6.546	95	64209	5.799	ug/L	93
35) Methylcyclohexane	6.768	83	108169	6.372	ug/L	93
37) 1,2-Dichloropropane	6.793	63	58910	5.639	ug/L	100
38) Bromodichloromethane	7.108	83	77503	5.653	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	93106	5.613	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	437397	55.508	ug/L	97
42) Toluene	7.970	91	267832	5.866	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	86174	5.863	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	51107	5.657	ug/L	97
47) Tetrachloroethene	8.555	164	56380	5.978	ug/L	92
48) 2-Hexanone	8.687	43	330853	56.293	ug/L	99
49) Dibromochloromethane	8.812	129	61573	5.792	ug/L	99
50) 1,2-Dibromoethane	8.925	107	52904	5.733	ug/L #	98
51) Chlorobenzene	9.449	112	176797	5.750	ug/L	96
52) Ethylbenzene	9.571	91	289904	5.935	ug/L	99
53) m,p-Xylene	9.697	106	113809	5.863	ug/L	99
54) o-Xylene	10.102	106	110883	5.924	ug/L	100
55) Styrene	10.115	104	188297	5.933	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	69048	5.522	ug/L	96
59) Bromoform	10.291	173	39444	5.673	ug/L #	97
60) Isopropylbenzene	10.484	105	292177	6.043	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	49764	5.561	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	195605	6.062	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	253096	6.022	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	151534	5.858	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	154106	5.815	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	148019	5.786	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	11478	5.615	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.221	180	130984	6.073	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	118692	6.055	ug/L	97
71) Naphthalene	14.086	128	229311	5.868	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	109788	6.017	ug/L	96

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

