

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U0020422\
 Data File : U0047039.D
 Acq On : 04 Feb 2022 10:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005188

Quant Time: Feb 05 01:26:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 01:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	109272	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	126945	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	70170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39500	2.818	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.919	69	34453	3.184	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.600%#
11) 1,1-Dichloroethene-d2	2.571	65	15826	3.154	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	4.636	46	100033	35.689	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.380%
24) Chloroform-d	5.070	84	76637	3.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.600%#
26) 1,2-Dichloroethane-d4	5.706	65	38378	3.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
32) Benzene-d6	5.732	84	141230	3.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.600%#
36) 1,2-Dichloropropane-d6	6.693	67	45862	3.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.200%
41) Toluene-d8	7.902	98	127409	3.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.600%#
43) trans-1,3-Dichloroprop...	8.182	79	17477	3.307	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.200%
46) 2-Hexanone-d5	8.636	63	83877	34.264	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40712	3.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	45885	3.212	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	64.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	39237	3.939	ug/L	98
3) Chloromethane	1.527	50	44833	3.653	ug/L	97
5) Vinyl chloride	1.607	62	45341	3.671	ug/L	99
6) Bromomethane	1.861	94	25824	3.775	ug/L	99
8) Chloroethane	1.938	64	28102	3.833	ug/L	96
9) Trichlorofluoromethane	2.144	101	60331	3.863	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	34699	3.773	ug/L	99
12) 1,1-Dichloroethene	2.584	96	29990	3.697	ug/L	94
13) Acetone	2.649	43	60834	37.607	ug/L	98
14) Carbon disulfide	2.800	76	96642	3.804	ug/L	98
15) Methyl Acetate	2.957	43	12796	3.809	ug/L	100
16) Methylene chloride	3.051	84	35281	3.439	ug/L	95
17) Methyl tert-butyl Ether	3.369	73	63787	3.575	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	31788	3.753	ug/L	95
19) 1,1-Dichloroethane	3.874	63	60511	3.842	ug/L	99
21) 2-Butanone	4.716	43	83399	35.976	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	32917	3.699	ug/L	96
23) Bromochloromethane	4.980	128	16523	3.849	ug/L	97
25) Chloroform	5.092	83	64396	3.591	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	39572	3.847	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	53201	3.666	ug/L	99
30) Cyclohexane	5.394	56	42331	3.614	ug/L	99
31) Carbon tetrachloride	5.530	117	45948	3.708	ug/L	97
33) Benzene	5.777	78	134363	3.769	ug/L	100
34) Trichloroethene	6.546	95	32363	3.590	ug/L	95
35) Methylcyclohexane	6.767	83	46194	3.698	ug/L	99
37) 1,2-Dichloropropane	6.793	63	34823	3.694	ug/L	97
38) Bromodichloromethane	7.108	83	44231	3.612	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	44047	3.598	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	180309	35.808	ug/L	99
42) Toluene	7.973	91	142643	3.894	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	40389	3.692	ug/L	94
45) 1,1,2-Trichloroethane	8.404	97	26651	3.800	ug/L	96
47) Tetrachloroethene	8.558	164	26394	3.773	ug/L	95
48) 2-Hexanone	8.687	43	149051	38.438	ug/L	99
49) Dibromochloromethane	8.812	129	29624	3.616	ug/L	91
50) 1,2-Dibromoethane	8.925	107	24025	3.708	ug/L #	97
51) Chlorobenzene	9.449	112	88703	3.690	ug/L	99
52) Ethylbenzene	9.574	91	135034	3.668	ug/L	99
53) m,p-Xylene	9.697	106	54080	3.779	ug/L	97
54) o-Xylene	10.105	106	50053	3.762	ug/L	92
55) Styrene	10.118	104	86965	3.715	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	32708	3.584	ug/L	99
59) Bromoform	10.291	173	16087	3.621	ug/L	99
60) Isopropylbenzene	10.488	105	132313	3.823	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	23399	3.574	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	92021	3.465	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	94777	3.515	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	71101	3.845	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	70044	3.667	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	66542	3.729	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	4388	3.248	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	48679	3.506	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	38866	3.437	ug/L	98
71) Naphthalene	14.089	128	62018	3.169	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	38078	3.529	ug/L	97

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

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