

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031522\
 Data File : VU047565.D
 Acq On : 15 Mar 2022 09:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005102

Quant Time: Mar 16 06:40:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:45:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	139414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	138056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37342	4.096	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.919	69	36840	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.572	65	16845	3.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.642	46	130310	49.672	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.340%
24) Chloroform-d	5.070	84	91402	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.707	65	49226	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.732	84	169642	4.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.694	67	55196	4.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.899	98	154753	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.182	79	22569	4.248	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.636	63	129237	46.922	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57761	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	67408	4.171	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	47317	5.516	ug/L	98
3) Chloromethane	1.523	50	42367	5.036	ug/L	100
5) Vinyl chloride	1.607	62	45845	5.285	ug/L	98
6) Bromomethane	1.864	94	19309	4.731	ug/L	98
8) Chloroethane	1.938	64	28323	5.402	ug/L	100
9) Trichlorofluoromethane	2.144	101	63597	5.592	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	41278	5.749	ug/L	99
12) 1,1-Dichloroethene	2.588	96	36581	5.267	ug/L #	81
13) Acetone	2.658	43	52254	51.085	ug/L	95
14) Carbon disulfide	2.800	76	106246	5.085	ug/L	98
15) Methyl Acetate	2.964	43	15689	5.556	ug/L	97
16) Methylene chloride	3.054	84	41612	4.061	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	91745	5.148	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	38985	5.222	ug/L	100
19) 1,1-Dichloroethane	3.877	63	70193	5.344	ug/L	96
21) 2-Butanone	4.726	43	101413	52.110	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	44058	5.319	ug/L	97
23) Bromochloromethane	4.980	128	22622	5.381	ug/L	99
25) Chloroform	5.092	83	75574	5.234	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	47541	5.148	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	64125	5.223	ug/L	99
30) Cyclohexane	5.395	56	54502	5.141	ug/L	99
31) Carbon tetrachloride	5.530	117	58110	5.381	ug/L	99
33) Benzene	5.777	78	163275	5.234	ug/L	100
34) Trichloroethene	6.546	95	43691	5.286	ug/L	98
35) Methylcyclohexane	6.768	83	63218	5.314	ug/L	100
37) 1,2-Dichloropropane	6.793	63	41915	5.243	ug/L	100
38) Bromodichloromethane	7.108	83	56494	5.132	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	61121	4.920	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	276826	49.681	ug/L	100
42) Toluene	7.970	91	179873	5.319	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	56877	5.133	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	35590	5.193	ug/L	97
47) Tetrachloroethene	8.555	164	37133	5.267	ug/L	99
48) 2-Hexanone	8.687	43	209772	49.466	ug/L	99
49) Dibromochloromethane	8.812	129	44604	5.284	ug/L	100
50) 1,2-Dibromoethane	8.928	107	34694	5.120	ug/L	99
51) Chlorobenzene	9.449	112	120808	5.230	ug/L	99
52) Ethylbenzene	9.571	91	184187	5.143	ug/L	100
53) m,p-Xylene	9.697	106	72017	5.201	ug/L	98
54) o-Xylene	10.102	106	69750	5.099	ug/L	99
55) Styrene	10.115	104	123062	5.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	46807	5.094	ug/L	98
59) Bromoform	10.295	173	28482	5.220	ug/L	99
60) Isopropylbenzene	10.484	105	184345	5.276	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	33252	5.126	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	115254	5.167	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	149911	5.177	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	102020	5.236	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	103470	5.198	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	98676	5.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7398	4.754	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	84447	5.127	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	71172	4.912	ug/L	100
71) Naphthalene	14.089	128	114104	4.243	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	66012	4.747	ug/L	99

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

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