

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047479.D
 Acq On : 11 Mar 2022 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005096

Quant Time: Mar 12 01:17:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	138776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	133755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75676	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34649	4.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.919	69	26043	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.572	65	16108	4.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.649	46	73322	54.716	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.440%
24) Chloroform-d	5.070	84	60535	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.710	65	29642	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.732	84	121350	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.694	67	35731	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	117321	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.182	79	15336	4.853	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.639	63	69133	49.662	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.320%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31777	4.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	45880	4.782	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	58443	5.625	ug/L	98
3) Chloromethane	1.523	50	55594	5.358	ug/L	99
5) Vinyl chloride	1.607	62	57763	5.660	ug/L	96
6) Bromomethane	1.864	94	26727	4.593	ug/L	99
8) Chloroethane	1.941	64	33439	5.395	ug/L	100
9) Trichlorofluoromethane	2.144	101	73185	5.442	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	47505	5.722	ug/L	100
12) 1,1-Dichloroethene	2.588	96	44511	5.463	ug/L	98
13) Acetone	2.665	43	81942	66.554	ug/L	93
14) Carbon disulfide	2.800	76	136052	5.440	ug/L	99
15) Methyl Acetate	2.967	43	21146	6.499	ug/L	98
16) Methylene chloride	3.054	84	50605	5.203	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	115414	5.493	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	47709	5.469	ug/L	96
19) 1,1-Dichloroethane	3.877	63	83664	5.639	ug/L	98
21) 2-Butanone	4.726	43	146597	66.118	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	52634	5.445	ug/L	97
23) Bromochloromethane	4.980	128	25612	5.546	ug/L	96
25) Chloroform	5.092	83	87808	5.466	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	57660	5.575	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	75313	5.450	ug/L	98
30) Cyclohexane	5.395	56	71899	5.400	ug/L	99
31) Carbon tetrachloride	5.530	117	67507	5.562	ug/L	98
33) Benzene	5.777	78	196974	5.453	ug/L	100
34) Trichloroethene	6.546	95	52648	5.452	ug/L	96
35) Methylcyclohexane	6.768	83	81482	5.349	ug/L	98
37) 1,2-Dichloropropane	6.797	63	50334	5.595	ug/L	99
38) Bromodichloromethane	7.108	83	67210	5.627	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	75809	5.558	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	338878	55.257	ug/L	98
42) Toluene	7.973	91	213989	5.453	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	68689	5.584	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	40453	5.487	ug/L	97
47) Tetrachloroethene	8.555	164	44911	5.482	ug/L	96
48) 2-Hexanone	8.690	43	245554	55.188	ug/L	99
49) Dibromochloromethane	8.813	129	50670	5.657	ug/L	99
50) 1,2-Dibromoethane	8.925	107	40716	5.427	ug/L	99
51) Chlorobenzene	9.449	112	141653	5.396	ug/L	100
52) Ethylbenzene	9.571	91	229371	5.397	ug/L	99
53) m,p-Xylene	9.697	106	89470	5.366	ug/L	97
54) o-Xylene	10.102	106	86651	5.364	ug/L	98
55) Styrene	10.115	104	148632	5.443	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	54408	5.513	ug/L	98
59) Bromoform	10.295	173	32700	5.739	ug/L	100
60) Isopropylbenzene	10.485	105	229160	5.412	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	38931	5.554	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	146941	5.291	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	191178	5.307	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	121032	5.393	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	122607	5.380	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	116374	5.397	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	8584	5.432	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	100436	5.456	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	87252	5.318	ug/L	99
71) Naphthalene	14.089	128	148626	5.065	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	78831	5.240	ug/L	99

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

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