

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049183.D
 Acq On : 15 Jun 2022 20:47
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005114

Quant Time: Jun 16 04:52:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	134441	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	120568	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44670	3.803	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.912	69	32309	4.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.565	65	18549	3.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.636	46	171425	54.653	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.300%
24) Chloroform-d	5.063	84	88339	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.703	65	48907	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.729	84	167819	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.694	67	58564	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.899	98	151579	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.179	79	23456	4.283	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.636	63	119855	54.251	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48846	4.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	56494	4.636	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	61818	5.386	ug/L	100
3) Chloromethane	1.520	50	59807	4.747	ug/L	99
5) Vinyl chloride	1.601	62	59778	5.289	ug/L #	79
6) Bromomethane	1.858	94	11405	1.834	ug/L	96
8) Chloroethane	1.932	64	33198	5.074	ug/L	99
9) Trichlorofluoromethane	2.138	101	74155	5.654	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	42844	5.517	ug/L	99
12) 1,1-Dichloroethene	2.578	96	40276	5.328	ug/L	98
13) Acetone	2.646	43	92730	59.734	ug/L	98
14) Carbon disulfide	2.793	76	135325	5.420	ug/L	98
15) Methyl Acetate	2.957	43	23425	5.642	ug/L	97
16) Methylene chloride	3.044	84	49865	5.014	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	120380	5.265	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	43637	5.210	ug/L	97
19) 1,1-Dichloroethane	3.871	63	88960	5.387	ug/L	96
21) 2-Butanone	4.713	43	167896	56.720	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	49763	5.312	ug/L	99
23) Bromochloromethane	4.977	128	21338	5.321	ug/L	96
25) Chloroform	5.089	83	88218	5.322	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	57690	5.284	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	75440	5.236	ug/L	97
30) Cyclohexane	5.388	56	87924	5.369	ug/L	99
31) Carbon tetrachloride	5.526	117	63301	5.247	ug/L	100
33) Benzene	5.774	78	197253	5.498	ug/L	100
34) Trichloroethene	6.542	95	50073	5.460	ug/L	98
35) Methylcyclohexane	6.764	83	83990	5.461	ug/L	99
37) 1,2-Dichloropropane	6.793	63	53927	5.471	ug/L	100
38) Bromodichloromethane	7.105	83	64280	5.335	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	76838	5.128	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	401087	54.765	ug/L	100
42) Toluene	7.970	91	206924	5.439	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	64794	4.978	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	36204	5.268	ug/L	97
47) Tetrachloroethene	8.555	164	34914	5.521	ug/L	98
48) 2-Hexanone	8.687	43	291705	55.802	ug/L	99
49) Dibromochloromethane	8.809	129	40898	5.216	ug/L	100
50) 1,2-Dibromoethane	8.925	107	34937	5.484	ug/L #	96
51) Chlorobenzene	9.449	112	124735	5.385	ug/L	100
52) Ethylbenzene	9.571	91	222885	5.364	ug/L	100
53) m,p-Xylene	9.693	106	81751	5.294	ug/L	94
54) o-Xylene	10.102	106	81579	5.329	ug/L	100
55) Styrene	10.115	104	136374	5.319	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	48892	5.376	ug/L	98
59) Bromoform	10.292	173	23258	4.876	ug/L	99
60) Isopropylbenzene	10.484	105	218542	5.052	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	35195	4.939	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	187207	4.903	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	186959	4.942	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	95619	5.165	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	94280	5.153	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	92012	5.223	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	8671	4.465	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	71544	5.153	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	62295	5.645	ug/L	99
71) Naphthalene	14.089	128	125944	5.743	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	58475	5.635	ug/L	98

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

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