

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049848.D
 Acq On : 22 Jul 2022 13:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

Quant Time: Jul 23 01:00:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:51:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101297	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	99364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54346	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41415	5.050	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.912	69	36222	5.277	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.562	65	17386	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.639	46	161801	54.834	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.660%
24) Chloroform-d	5.067	84	95043	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.703	65	53809	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.729	84	174001	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.694	67	60078	5.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.899	98	154757	5.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	8.182	79	21932	5.164	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.636	63	94276	56.021	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50498	5.141	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	56361	5.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	62924	5.884	ug/L	99
3) Chloromethane	1.523	50	68199	5.183	ug/L	94
5) Vinyl chloride	1.601	62	59291	5.390	ug/L	99
6) Bromomethane	1.858	94	31186	5.242	ug/L	95
8) Chloroethane	1.932	64	32705	5.159	ug/L	99
9) Trichlorofluoromethane	2.138	101	74635	5.518	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	38702	5.851	ug/L	100
12) 1,1-Dichloroethene	2.578	96	36244	5.415	ug/L	94
13) Acetone	2.652	43	97481	54.925	ug/L	100
14) Carbon disulfide	2.790	76	112052	5.411	ug/L	97
15) Methyl Acetate	2.961	43	22896	5.175	ug/L	99
16) Methylene chloride	3.044	84	57814	3.829	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	118837	5.481	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	40845	5.279	ug/L	92
19) 1,1-Dichloroethane	3.871	63	88658	5.302	ug/L	98
21) 2-Butanone	4.716	43	164757	54.735	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	48163	5.375	ug/L	98
23) Bromochloromethane	4.977	128	22065	5.512	ug/L	93
25) Chloroform	5.089	83	94569	5.331	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	63505	5.212	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	76223	5.464	ug/L	99
30) Cyclohexane	5.388	56	68267	6.044	ug/L	99
31) Carbon tetrachloride	5.526	117	61919	5.467	ug/L	97
33) Benzene	5.774	78	194916	5.406	ug/L	100
34) Trichloroethene	6.543	95	47650	5.451	ug/L	100
35) Methylcyclohexane	6.764	83	63543	5.893	ug/L	100
37) 1,2-Dichloropropane	6.793	63	55378	5.389	ug/L	99
38) Bromodichloromethane	7.108	83	66979	5.217	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	69213	5.111	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	393940	54.960	ug/L	100
42) Toluene	7.970	91	200939	5.572	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	65031	5.562	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	37951	5.175	ug/L	96
47) Tetrachloroethene	8.555	164	32413	5.386	ug/L	94
48) 2-Hexanone	8.687	43	298328	55.765	ug/L	97
49) Dibromochloromethane	8.813	129	44238	5.397	ug/L	96
50) 1,2-Dibromoethane	8.925	107	35224	5.408	ug/L	99
51) Chlorobenzene	9.446	112	126213	5.513	ug/L	99
52) Ethylbenzene	9.571	91	208250	5.616	ug/L	100
53) m,p-Xylene	9.694	106	76269	5.591	ug/L	99
54) o-Xylene	10.102	106	76389	5.667	ug/L	100
55) Styrene	10.115	104	129830	5.687	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	50238	5.303	ug/L	97
59) Bromoform	10.292	173	24412	5.161	ug/L	99
60) Isopropylbenzene	10.484	105	198206	5.513	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	37923	5.237	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	165722	5.455	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	163027	5.529	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	95515	5.373	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	92758	5.274	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	92701	5.279	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8348	5.154	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	72107	5.494	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	63180	5.734	ug/L	97
71) Naphthalene	14.086	128	128352	5.975	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	61976	5.852	ug/L	98

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

