

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049865.D
 Acq On : 25 Jul 2022 12:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005128

Quant Time: Jul 26 05:26:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	99033	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	39940	4.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.912	69	33401	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.562	65	17091	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.645	46	145808	50.544	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.080%
24) Chloroform-d	5.063	84	89737	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.703	65	48413	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.729	84	159600	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.690	67	55211	5.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.899	98	144920	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	8.182	79	19800	5.127	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.636	63	87778	57.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46502	5.205	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	49134	5.097	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	63657	6.089	ug/L	99
3) Chloromethane	1.520	50	63215	4.914	ug/L	99
5) Vinyl chloride	1.601	62	58169	5.409	ug/L	98
6) Bromomethane	1.855	94	28356	4.875	ug/L	95
8) Chloroethane	1.932	64	31233	5.039	ug/L	99
9) Trichlorofluoromethane	2.134	101	79414	6.006	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	42001	6.495	ug/L	98
12) 1,1-Dichloroethene	2.575	96	35158	5.373	ug/L	96
13) Acetone	2.658	43	90710	52.278	ug/L	97
14) Carbon disulfide	2.787	76	108884	5.378	ug/L	98
15) Methyl Acetate	2.961	43	19835	4.585	ug/L	99
16) Methylene chloride	3.044	84	57129	3.870	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	102283	4.825	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	37819	5.000	ug/L	94
19) 1,1-Dichloroethane	3.871	63	81229	4.969	ug/L	99
21) 2-Butanone	4.723	43	147471	50.112	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	45337	5.175	ug/L	98
23) Bromochloromethane	4.977	128	19929	5.092	ug/L	94
25) Chloroform	5.089	83	87159	5.026	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	56769	4.766	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	73539	5.797	ug/L	99
30) Cyclohexane	5.391	56	69150	6.732	ug/L	98
31) Carbon tetrachloride	5.523	117	61801	6.000	ug/L	98
33) Benzene	5.774	78	177865	5.424	ug/L	100
34) Trichloroethene	6.542	95	43711	5.498	ug/L	98
35) Methylcyclohexane	6.764	83	66720	6.804	ug/L	99
37) 1,2-Dichloropropane	6.793	63	49401	5.286	ug/L	99
38) Bromodichloromethane	7.108	83	61355	5.255	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	65360	5.307	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	336614	51.639	ug/L	100
42) Toluene	7.970	91	181544	5.536	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	56598	5.323	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	34922	5.236	ug/L	92
47) Tetrachloroethene	8.555	164	31329	5.724	ug/L	97
48) 2-Hexanone	8.687	43	253701	52.146	ug/L	99
49) Dibromochloromethane	8.813	129	39539	5.304	ug/L	98
50) 1,2-Dibromoethane	8.925	107	30777	5.196	ug/L	98
51) Chlorobenzene	9.449	112	109251	5.247	ug/L	99
52) Ethylbenzene	9.571	91	183815	5.451	ug/L	99
53) m,p-Xylene	9.693	106	68248	5.502	ug/L	98
54) o-Xylene	10.102	106	66936	5.461	ug/L	99
55) Styrene	10.115	104	113650	5.474	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	43967	5.103	ug/L	96
59) Bromoform	10.292	173	21575	5.307	ug/L	100
60) Isopropylbenzene	10.484	105	183728	5.946	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	31899	5.126	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	147452	5.648	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	142811	5.635	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	81799	5.354	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	80564	5.330	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	78170	5.179	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7081	5.087	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	59325	5.260	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	47989	5.067	ug/L	99
71) Naphthalene	14.089	128	96527	5.228	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	47712	5.242	ug/L	98

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

