

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054559.D
 Acq On : 16 Jun 2023 08:47
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005187

Quant Time: Jun 17 06:05:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	281873	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	272765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	145618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	62358	3.476	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.914	69	76177	4.536	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.567	65	28865	3.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.628	46	239793	47.544	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.080%
24) Chloroform-d	5.062	84	181405	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.698	65	84995	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.724	84	335031	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.685	67	115462	4.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.894	98	290893	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.177	79	35661	4.050	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.631	63	165254	44.732	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.460%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86761	4.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	107414	4.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	123246	4.679	ug/L	99
3) Chloromethane	1.518	50	131209	4.337	ug/L	97
5) Vinyl chloride	1.605	62	147907	4.763	ug/L	99
6) Bromomethane	1.859	94	76591	4.486	ug/L	96
8) Chloroethane	1.933	64	92314	4.959	ug/L	98
9) Trichlorofluoromethane	2.139	101	196481	5.146	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	115313	5.163	ug/L	98
12) 1,1-Dichloroethene	2.579	96	100955	4.938	ug/L	97
13) Acetone	2.641	43	242259	50.943	ug/L	99
14) Carbon disulfide	2.792	76	278811	4.599	ug/L	100
15) Methyl Acetate	2.956	43	39924	4.530	ug/L	99
16) Methylene chloride	3.042	84	116587	4.055	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	242349	4.803	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	104514	4.951	ug/L	98
19) 1,1-Dichloroethane	3.866	63	219374	5.022	ug/L	99
21) 2-Butanone	4.708	43	308968	50.062	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	118493	4.930	ug/L	93
23) Bromochloromethane	4.972	128	52436	5.242	ug/L	87
25) Chloroform	5.084	83	217886	5.059	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	125369	4.966	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	182859	4.944	ug/L	98
30) Cyclohexane	5.383	56	175133	4.347	ug/L	97
31) Carbon tetrachloride	5.521	117	160105	5.024	ug/L	98
33) Benzene	5.772	78	466421	4.758	ug/L	100
34) Trichloroethene	6.537	95	121414	4.684	ug/L	97
35) Methylcyclohexane	6.759	83	178499	4.556	ug/L	98
37) 1,2-Dichloropropane	6.788	63	123976	4.677	ug/L	100
38) Bromodichloromethane	7.103	83	152435	5.081	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	173345	4.790	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	653298	46.187	ug/L	99
42) Toluene	7.965	91	502140	4.974	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	143321	4.880	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	84671	5.021	ug/L	97
47) Tetrachloroethene	8.550	164	94828	4.779	ug/L	98
48) 2-Hexanone	8.679	43	503824	47.804	ug/L	99
49) Dibromochloromethane	8.804	129	93126	5.260	ug/L	100
50) 1,2-Dibromoethane	8.920	107	76044	4.912	ug/L	100
51) Chlorobenzene	9.444	112	310788	4.939	ug/L	98
52) Ethylbenzene	9.566	91	533361	4.838	ug/L	100
53) m,p-Xylene	9.692	106	202887	5.009	ug/L	99
54) o-Xylene	10.097	106	196828	5.025	ug/L	97
55) Styrene	10.110	104	335401	5.102	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	102220	4.773	ug/L	97
59) Bromoform	10.287	173	54939	5.255	ug/L	98
60) Isopropylbenzene	10.479	105	537172	5.043	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	69212	4.703	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	424720	4.887	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	433377	4.910	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	259328	5.208	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	256423	5.131	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	232183	5.070	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	15252	4.716	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	191336	5.093	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	155757	5.014	ug/L	98
71) Naphthalene	14.081	128	212740	4.211	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	131439	4.925	ug/L	98

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

