

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056516.D
 Acq On : 19 Nov 2023 06:34
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005167

Quant Time: Nov 20 00:32:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263491	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	267185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131598	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66069	3.352	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.911	69	60907	4.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.563	65	30075	3.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.621	46	218855	55.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.380%
24) Chloroform-d	5.055	84	167878	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.695	65	80494	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.721	84	296201	3.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.682	67	100085	4.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.894	98	262754	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.174	79	36445	3.961	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.627	63	182619	50.503	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.000%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	81774	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	102753	4.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	100850	4.831	ug/L	99
3) Chloromethane	1.515	50	92042	4.314	ug/L	96
5) Vinyl chloride	1.602	62	103230	5.022	ug/L	88
6) Bromomethane	1.856	94	41351	3.974	ug/L	95
8) Chloroethane	1.930	64	67233	5.354	ug/L	88
9) Trichlorofluoromethane	2.136	101	157699	5.324	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	88945	5.058	ug/L	99
12) 1,1-Dichloroethene	2.576	96	80055	4.963	ug/L	87
13) Acetone	2.634	43	117107	34.988	ug/L	97
14) Carbon disulfide	2.788	76	229455	4.372	ug/L	97
15) Methyl Acetate	2.949	43	31563	5.299	ug/L	100
16) Methylene chloride	3.042	84	98308	4.606	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	213926	5.459	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	82279	4.958	ug/L	98
19) 1,1-Dichloroethane	3.862	63	173139	5.267	ug/L	99
21) 2-Butanone	4.701	43	207783	47.841	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	103307	5.489	ug/L	100
23) Bromochloromethane	4.968	128	44747	5.776	ug/L	99
25) Chloroform	5.081	83	189414	5.318	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	108908	5.386	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	160177	5.223	ug/L	98
30) Cyclohexane	5.383	56	125535	4.313	ug/L	99
31) Carbon tetrachloride	5.518	117	131826	5.004	ug/L	99
33) Benzene	5.769	78	379706	4.981	ug/L	100
34) Trichloroethene	6.537	95	105701	5.089	ug/L	97
35) Methylcyclohexane	6.756	83	135273	4.511	ug/L	98
37) 1,2-Dichloropropane	6.785	63	106105	5.337	ug/L	100
38) Bromodichloromethane	7.100	83	138207	5.385	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	137308	4.700	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	516186	52.377	ug/L	98
42) Toluene	7.965	91	405740	5.141	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	112490	4.830	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	73208	5.529	ug/L	95
47) Tetrachloroethene	8.547	164	68957	4.923	ug/L	99
48) 2-Hexanone	8.679	43	371091	48.334	ug/L	99
49) Dibromochloromethane	8.804	129	79567	5.284	ug/L	99
50) 1,2-Dibromoethane	8.920	107	67533	5.403	ug/L	98
51) Chlorobenzene	9.441	112	266040	5.246	ug/L	100
52) Ethylbenzene	9.566	91	459303	5.240	ug/L	100
53) m,p-Xylene	9.688	106	172352	5.349	ug/L	99
54) o-Xylene	10.097	106	165071	5.274	ug/L	96
55) Styrene	10.110	104	289497	5.561	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	90644	5.607	ug/L	95
59) Bromoform	10.286	173	47229	5.762	ug/L	99
60) Isopropylbenzene	10.479	105	449614	5.298	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	61516	5.448	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	359948	5.165	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	361971	5.262	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	206971	5.361	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	201942	5.215	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	189913	5.362	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12300	5.100	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	148288	5.102	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	121234	5.121	ug/L	99
71) Naphthalene	14.081	128	169520	4.739	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	101528	5.206	ug/L	98

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

