

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056225.D
 Acq On : 11 Nov 2023 18:53
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Nov 11 20:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	383287	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	361309	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	184819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	90047	3.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.911	69	68955	4.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.563	65	42141	4.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.621	46	216653	55.510	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.020%
24) Chloroform-d	5.058	84	210832	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.695	65	93726	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	412736	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.685	67	124742	4.883	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.894	98	367034	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.177	79	46764	4.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.627	63	208406	65.120	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.240%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	97987	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	134082	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	149815	4.609	ug/L	99
3) Chloromethane	1.515	50	159147	5.226	ug/L	97
5) Vinyl chloride	1.602	62	154495	4.904	ug/L	100
6) Bromomethane	1.856	94	86688	4.791	ug/L	98
8) Chloroethane	1.930	64	83940	4.915	ug/L	98
9) Trichlorofluoromethane	2.136	101	204429	4.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	123961	4.670	ug/L	98
12) 1,1-Dichloroethene	2.576	96	126342	5.129	ug/L	96
13) Acetone	2.631	43	158785	55.164	ug/L	99
14) Carbon disulfide	2.788	76	392530	4.676	ug/L	99
15) Methyl Acetate	2.949	43	41287	5.084	ug/L	98
16) Methylene chloride	3.039	84	146851	5.199	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	302427	5.449	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	132741	5.085	ug/L	98
19) 1,1-Dichloroethane	3.862	63	251797	5.288	ug/L	96
21) 2-Butanone	4.702	43	277234	58.402	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	151556	5.378	ug/L	98
23) Bromochloromethane	4.968	128	66570	5.324	ug/L	94
25) Chloroform	5.081	83	259487	5.114	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	147057	5.121	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	215429	5.205	ug/L	99
30) Cyclohexane	5.383	56	184511	4.771	ug/L	99
31) Carbon tetrachloride	5.518	117	185129	5.037	ug/L	100
33) Benzene	5.769	78	562140	5.434	ug/L	100
34) Trichloroethene	6.537	95	151629	5.366	ug/L	96
35) Methylcyclohexane	6.759	83	200144	4.765	ug/L	99
37) 1,2-Dichloropropane	6.785	63	146606	5.449	ug/L	100
38) Bromodichloromethane	7.100	83	178021	5.299	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	207066	5.453	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	682458	57.994	ug/L	99
42) Toluene	7.965	91	591456	5.423	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	168487	5.480	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	103292	5.616	ug/L	96
47) Tetrachloroethene	8.550	164	108019	5.093	ug/L	97
48) 2-Hexanone	8.679	43	504647	58.899	ug/L	98
49) Dibromochloromethane	8.804	129	115556	5.476	ug/L	97
50) 1,2-Dibromoethane	8.917	107	96240	5.600	ug/L	96
51) Chlorobenzene	9.441	112	373230	5.304	ug/L	99
52) Ethylbenzene	9.566	91	626152	5.268	ug/L	99
53) m,p-Xylene	9.688	106	247627	5.478	ug/L	99
54) o-Xylene	10.097	106	232965	5.376	ug/L	99
55) Styrene	10.110	104	408719	5.766	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	123210	5.701	ug/L	96
59) Bromoform	10.287	173	68440	5.332	ug/L	100
60) Isopropylbenzene	10.479	105	616965	5.149	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	85289	5.346	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	499891	5.144	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	509803	5.348	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	302762	5.335	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	300541	5.356	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	277879	5.313	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	18242	5.421	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	225201	5.298	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	188030	5.576	ug/L	98
71) Naphthalene	14.081	128	292098	5.840	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	164636	5.568	ug/L	98

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

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