

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012022\
 Data File : VU046802.D
 Acq On : 20 Jan 2022 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005168

Quant Time: Jan 20 14:41:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98619	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103678	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40783	4.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.919	69	32673	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.571	65	16141	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.655	46	128758	52.010	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.020%
24) Chloroform-d	5.067	84	73946	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.706	65	40690	5.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.729	84	147225	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.693	67	45067	4.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.899	98	134951	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.182	79	18596	4.628	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.639	63	121526	51.082	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45107	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	50935	4.674	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	55120	5.942	ug/L	98
3) Chloromethane	1.520	50	47018	6.155	ug/L	98
5) Vinyl chloride	1.607	62	46269	5.818	ug/L	100
6) Bromomethane	1.861	94	27537	5.534	ug/L	98
8) Chloroethane	1.938	64	26900	5.876	ug/L	98
9) Trichlorofluoromethane	2.144	101	58235	6.009	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	31677	5.497	ug/L	95
12) 1,1-Dichloroethene	2.584	96	31137	5.654	ug/L	82
13) Acetone	2.681	43	64874	48.181	ug/L	64
14) Carbon disulfide	2.797	76	98182	5.429	ug/L	98
15) Methyl Acetate	2.970	43	12233	4.159	ug/L #	77
16) Methylene chloride	3.051	84	39531	5.944	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	84181	5.449	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	33176	5.562	ug/L	94
19) 1,1-Dichloroethane	3.874	63	57994	5.792	ug/L	98
21) 2-Butanone	4.729	43	106145	49.017	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	36629	5.822	ug/L	98
23) Bromochloromethane	4.976	128	17134	5.535	ug/L	92
25) Chloroform	5.092	83	63511	3.996	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	42642	6.079	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	52702	5.644	ug/L	98
30) Cyclohexane	5.391	56	51002	5.385	ug/L	95
31) Carbon tetrachloride	5.530	117	45631	5.695	ug/L	98
33) Benzene	5.777	78	137231	5.622	ug/L	100
34) Trichloroethene	6.546	95	34102	5.381	ug/L	97
35) Methylcyclohexane	6.764	83	55320	5.211	ug/L	95
37) 1,2-Dichloropropane	6.793	63	34752	5.803	ug/L	98
38) Bromodichloromethane	7.108	83	45993	5.337	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	48410	5.182	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	242297	55.194	ug/L	94
42) Toluene	7.970	91	152408	5.224	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	43747	5.256	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	28932	5.679	ug/L	95
47) Tetrachloroethene	8.555	164	26866	5.212	ug/L	90
48) 2-Hexanone	8.690	43	176098	53.144	ug/L #	94
49) Dibromochloromethane	8.812	129	33838	5.631	ug/L	96
50) 1,2-Dibromoethane	8.928	107	28195	5.460	ug/L #	100
51) Chlorobenzene	9.449	112	91747	5.415	ug/L	97
52) Ethylbenzene	9.571	91	151347	5.456	ug/L	99
53) m,p-Xylene	9.697	106	59849	5.412	ug/L	96
54) o-Xylene	10.102	106	58233	5.433	ug/L	100
55) Styrene	10.115	104	97734	5.574	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	37918	5.535	ug/L	95
59) Bromoform	10.295	173	20240	5.656	ug/L	99
60) Isopropylbenzene	10.488	105	152498	5.634	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28193	5.726	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	121327	5.461	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	127715	5.586	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	72999	5.396	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	72862	5.351	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	69805	5.334	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	6043	5.913	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	54435	5.103	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	42854	4.805	ug/L	98
71) Naphthalene	14.089	128	87057	4.795	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	43396	5.152	ug/L	99

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

