

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
 Data File : VU052769.D
 Acq On : 20 Jan 2023 19:10
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005131

Quant Time: Jan 21 01:57:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 21 01:44:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	158793	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	153078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	86414	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	50343	3.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.916	69	44900	3.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.568	65	23706	3.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.642	46	197160	52.857	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.720%
24) Chloroform-d	5.060	84	113474	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.697	65	63121	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.723	84	223444	4.504	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.687	67	70780	4.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.896	98	207454	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.176	79	29896	4.862	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.632	63	160518	62.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.700%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	67215	5.310	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	79434	5.050	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	66920	3.923	ug/L	98
3) Chloromethane	1.520	50	64943	3.135	ug/L	97
5) Vinyl chloride	1.604	62	68936	3.478	ug/L	99
6) Bromomethane	1.858	94	40783	3.964	ug/L	98
8) Chloroethane	1.935	64	43389	3.600	ug/L	98
9) Trichlorofluoromethane	2.141	101	98410	4.211	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	54711	3.980	ug/L	90
12) 1,1-Dichloroethene	2.581	96	55368	4.022	ug/L	85
13) Acetone	2.671	43	125060	46.748	ug/L	98
14) Carbon disulfide	2.793	76	176558	3.711	ug/L	98
15) Methyl Acetate	2.961	43	28752	4.483	ug/L #	86
16) Methylene chloride	3.044	84	74128	4.046	ug/L	87
17) Methyl tert-butyl Ether	3.362	73	160147	5.257	ug/L	97
18) trans-1,2-Dichloroethene	3.350	96	60038	4.276	ug/L	89
19) 1,1-Dichloroethane	3.867	63	113167	3.882	ug/L	98
21) 2-Butanone	4.723	43	209211	48.581	ug/L	92
22) cis-1,2-Dichloroethene	4.661	96	68222	4.525	ug/L	92
23) Bromochloromethane	4.973	128	32408	5.077	ug/L #	80
25) Chloroform	5.083	83	117447	4.098	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	80685	4.645	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	101381	4.221	ug/L	95
30) Cyclohexane	5.385	56	96419	3.990	ug/L	91
31) Carbon tetrachloride	5.520	117	84697	4.501	ug/L	99
33) Benzene	5.771	78	264890	4.372	ug/L	100
34) Trichloroethene	6.539	95	65392	4.563	ug/L	93
35) Methylcyclohexane	6.761	83	101694	4.297	ug/L	93
37) 1,2-Dichloropropane	6.787	63	67471	4.150	ug/L	98
38) Bromodichloromethane	7.102	83	86051	4.495	ug/L	96
39) cis-1,3-Dichloropropene	7.603	75	97432	4.721	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	475753	51.159	ug/L #	93
42) Toluene	7.964	91	277132	4.592	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	87363	4.903	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	52081	5.092	ug/L	96
47) Tetrachloroethene	8.549	164	51334	4.861	ug/L	96
48) 2-Hexanone	8.684	43	354966	52.132	ug/L #	94
49) Dibromochloromethane	8.806	129	61610	5.211	ug/L	97
50) 1,2-Dibromoethane	8.919	107	51471	5.474	ug/L #	100
51) Chlorobenzene	9.443	112	179384	4.771	ug/L	95
52) Ethylbenzene	9.565	91	291125	4.735	ug/L	98
53) m,p-Xylene	9.690	106	117014	5.024	ug/L	96
54) o-Xylene	10.095	106	114897	5.160	ug/L	99
55) Styrene	10.108	104	195413	5.145	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	68241	5.108	ug/L	99
59) Bromoform	10.285	173	37796	5.625	ug/L	99
60) Isopropylbenzene	10.478	105	295126	4.818	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	49343	4.913	ug/L	94
62) 1,3,5-Trimethylbenzene	11.082	105	245408	5.023	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	243326	4.944	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	137777	4.729	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	138787	4.669	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	134632	4.911	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	11682	5.043	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.214	180	100682	4.652	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	83103	4.788	ug/L	97
71) Naphthalene	14.082	128	229968	7.632	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	80116	5.038	ug/L	99

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

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