

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010622\
 Data File : VU046691.D
 Acq On : 06 Jan 2022 17:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: Jan 07 03:17:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 07 03:14:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	80556	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	84496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26737	4.214	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.919	69	22231	4.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.575	65	11743	4.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.655	46	100055	54.363	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.720%
24) Chloroform-d	5.067	84	56111	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.706	65	32859	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.732	84	106486	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.694	67	33160	4.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.899	98	98619	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.182	79	15103	4.614	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.639	63	93539	48.670	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36692	5.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	40093	4.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	52612	4.268	ug/L	100
3) Chloromethane	1.523	50	38169	3.595	ug/L	100
5) Vinyl chloride	1.607	62	40675	3.892	ug/L	99
6) Bromomethane	1.864	94	24466	3.889	ug/L	98
8) Chloroethane	1.941	64	25139	4.097	ug/L	99
9) Trichlorofluoromethane	2.144	101	63510	4.646	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36227	5.206	ug/L	96
12) 1,1-Dichloroethene	2.588	96	31038	4.380	ug/L #	73
13) Acetone	2.687	43	89041	51.600	ug/L	78
14) Carbon disulfide	2.800	76	72397	3.128	ug/L	100
15) Methyl Acetate	2.967	43	14973	4.296	ug/L #	79
16) Methylene chloride	3.051	84	42723	4.955	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	104390	5.050	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	34041	4.503	ug/L	94
19) 1,1-Dichloroethane	3.874	63	67070	4.816	ug/L	99
21) 2-Butanone	4.735	43	140048	53.494	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	39869	4.825	ug/L	96
23) Bromochloromethane	4.980	128	19654	4.779	ug/L	90
25) Chloroform	5.092	83	74832	4.974	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	51592	4.804	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	64534	4.619	ug/L	96
30) Cyclohexane	5.395	56	47261	4.089	ug/L	97
31) Carbon tetrachloride	5.530	117	53297	4.546	ug/L	98
33) Benzene	5.777	78	149001	4.438	ug/L	100
34) Trichloroethene	6.546	95	38382	4.337	ug/L	96
35) Methylcyclohexane	6.764	83	53503	4.288	ug/L	96
37) 1,2-Dichloropropane	6.793	63	40117	4.685	ug/L	98
38) Bromodichloromethane	7.108	83	55702	4.699	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	59037	4.554	ug/L	96
40) 4-Methyl-2-pentanone	7.796	43	325881	50.694	ug/L	95
42) Toluene	7.970	91	165564	4.805	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	56131	4.672	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	36587	4.954	ug/L	94
47) Tetrachloroethene	8.555	164	29814	4.761	ug/L	96
48) 2-Hexanone	8.687	43	243020	50.621	ug/L #	95
49) Dibromochloromethane	8.812	129	41243	4.842	ug/L	98
50) 1,2-Dibromoethane	8.925	107	33777	4.738	ug/L #	97
51) Chlorobenzene	9.449	112	109467	4.970	ug/L	98
52) Ethylbenzene	9.571	91	179529	5.033	ug/L	99
53) m,p-Xylene	9.697	106	70598	5.167	ug/L	94
54) o-Xylene	10.102	106	69887	5.323	ug/L	99
55) Styrene	10.115	104	126383	5.549	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	50762	5.260	ug/L	94
59) Bromoform	10.291	173	26152	4.497	ug/L	96
60) Isopropylbenzene	10.484	105	188849	4.865	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	37612	4.499	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	153460	4.753	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	160810	4.946	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	95044	5.037	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	96478	4.994	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	93938	4.963	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8452	4.368	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	74615	5.224	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	62632	5.177	ug/L	99
71) Naphthalene	14.086	128	127526	4.747	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	62633	5.230	ug/L	98

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

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