

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011922\
 Data File : VU046800.D
 Acq On : 19 Jan 2022 18:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005167

Quant Time: Jan 20 02:03:10 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	6.250	114	100610	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	106976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59990	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39663	4.652	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.916	69	33483	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.568	65	16033	4.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	4.652	46	130979	51.860	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.720%
24) Chloroform-d	5.067	84	74298	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.703	65	41445	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.729	84	153147	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.694	67	47415	5.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	135884	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.182	79	19180	4.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.639	63	119825	48.814	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45322	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	51937	4.617	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	56084	5.926	ug/L	99
3) Chloromethane	1.520	50	45984	5.900	ug/L	100
5) Vinyl chloride	1.604	62	45977	5.666	ug/L	97
6) Bromomethane	1.861	94	28752	5.663	ug/L	97
8) Chloroethane	1.938	64	26585	5.692	ug/L	99
9) Trichlorofluoromethane	2.141	101	56703	5.735	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	32185	5.475	ug/L	96
12) 1,1-Dichloroethene	2.584	96	30100	5.358	ug/L	83
13) Acetone	2.674	43	58742	42.763	ug/L	60
14) Carbon disulfide	2.797	76	99918	5.415	ug/L	100
15) Methyl Acetate	2.964	43	12479	4.159	ug/L #	80
16) Methylene chloride	3.047	84	35778	5.274	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	84193	5.342	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	32954	5.416	ug/L	96
19) 1,1-Dichloroethane	3.877	63	59168	5.792	ug/L	99
21) 2-Butanone	4.726	43	110916	50.207	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	37262	5.805	ug/L	92
23) Bromochloromethane	4.977	128	17395	5.508	ug/L	88
25) Chloroform	5.092	83	70026	4.319	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	39850	5.568	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	53948	5.599	ug/L	97
30) Cyclohexane	5.391	56	52591	5.381	ug/L	95
31) Carbon tetrachloride	5.526	117	44874	5.428	ug/L	99
33) Benzene	5.777	78	138413	5.496	ug/L	100
34) Trichloroethene	6.546	95	34876	5.333	ug/L	97
35) Methylcyclohexane	6.764	83	56905	5.195	ug/L	95
37) 1,2-Dichloropropane	6.793	63	35165	5.691	ug/L	98
38) Bromodichloromethane	7.108	83	43620	4.905	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	52233	5.418	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	238756	52.710	ug/L	96
42) Toluene	7.970	91	149577	4.969	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	44738	5.209	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	28384	5.400	ug/L	96
47) Tetrachloroethene	8.555	164	27820	5.231	ug/L	95
48) 2-Hexanone	8.690	43	179535	52.511	ug/L	96
49) Dibromochloromethane	8.813	129	32176	5.189	ug/L	96
50) 1,2-Dibromoethane	8.925	107	27503	5.162	ug/L #	98
51) Chlorobenzene	9.449	112	94608	5.411	ug/L	97
52) Ethylbenzene	9.571	91	153453	5.362	ug/L	99
53) m,p-Xylene	9.697	106	61313	5.374	ug/L	98
54) o-Xylene	10.102	106	59591	5.388	ug/L	100
55) Styrene	10.115	104	100889	5.576	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	36444	5.155	ug/L	99
59) Bromoform	10.292	173	18721	5.068	ug/L	97
60) Isopropylbenzene	10.484	105	158013	5.654	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	26960	5.304	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	124292	5.419	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	129484	5.486	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	73478	5.261	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	73936	5.259	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	71588	5.299	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	5691	5.394	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	56518	5.132	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	44514	4.835	ug/L	99
71) Naphthalene	14.089	128	84715	4.520	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	44401	5.106	ug/L	98

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

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