

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012022\
 Data File : VU046817.D
 Acq On : 20 Jan 2022 17:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005169

Quant Time: Jan 21 01:02:53 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	87744	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	91988	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32865	4.420	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.919	69	28508	4.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.568	65	13726	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.652	46	116989	53.113	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.220%
24) Chloroform-d	5.067	84	65960	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.703	65	36083	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.729	84	127972	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.693	67	40093	4.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.899	98	114474	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.182	79	15963	4.478	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.636	63	106288	50.354	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40910	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	44362	4.465	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	50341	6.099	ug/L	100
3) Chloromethane	1.520	50	41985	6.177	ug/L	100
5) Vinyl chloride	1.607	62	42201	5.964	ug/L	98
6) Bromomethane	1.861	94	25150	5.680	ug/L	99
8) Chloroethane	1.938	64	24615	6.043	ug/L	97
9) Trichlorofluoromethane	2.141	101	53177	6.167	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	29762	5.805	ug/L	96
12) 1,1-Dichloroethene	2.584	96	28721	5.862	ug/L	79
13) Acetone	2.674	43	64629	53.948	ug/L	86
14) Carbon disulfide	2.797	76	88034	5.471	ug/L	100
15) Methyl Acetate	2.970	43	13569	5.185	ug/L	98
16) Methylene chloride	3.051	84	32438	5.482	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	74381	5.411	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	29617	5.581	ug/L	97
19) 1,1-Dichloroethane	3.874	63	52820	5.929	ug/L	100
21) 2-Butanone	4.729	43	98048	50.890	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	31857	5.691	ug/L	99
23) Bromochloromethane	4.977	128	15930	5.784	ug/L	92
25) Chloroform	5.092	83	65701	4.646	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	38842	6.223	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	48008	5.794	ug/L	97
30) Cyclohexane	5.391	56	45805	5.450	ug/L	97
31) Carbon tetrachloride	5.526	117	41085	5.779	ug/L	99
33) Benzene	5.777	78	123887	5.720	ug/L	100
34) Trichloroethene	6.542	95	31922	5.677	ug/L	99
35) Methylcyclohexane	6.764	83	49436	5.249	ug/L	95
37) 1,2-Dichloropropane	6.793	63	31961	6.016	ug/L	100
38) Bromodichloromethane	7.108	83	41543	5.433	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	44775	5.401	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	216945	55.699	ug/L	94
42) Toluene	7.970	91	133745	5.167	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	40799	5.524	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	25981	5.748	ug/L	95
47) Tetrachloroethene	8.552	164	24503	5.358	ug/L	94
48) 2-Hexanone	8.687	43	164304	55.886	ug/L	94
49) Dibromochloromethane	8.812	129	29733	5.576	ug/L	98
50) 1,2-Dibromoethane	8.925	107	25270	5.516	ug/L	96
51) Chlorobenzene	9.449	112	84145	5.597	ug/L	96
52) Ethylbenzene	9.571	91	134830	5.478	ug/L	98
53) m,p-Xylene	9.693	106	54241	5.529	ug/L	98
54) o-Xylene	10.102	106	52417	5.512	ug/L	99
55) Styrene	10.115	104	87586	5.630	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	33874	5.573	ug/L	98
59) Bromoform	10.291	173	17235	5.283	ug/L	96
60) Isopropylbenzene	10.484	105	137244	5.562	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	25503	5.682	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	108809	5.372	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	112634	5.404	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	65823	5.337	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	66097	5.325	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	64090	5.372	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	5233	5.617	ug/L	87
69) 1,3,5-Trichlorobenzene	13.221	180	49371	5.077	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	38619	4.750	ug/L	99
71) Naphthalene	14.089	128	73636	4.449	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	39074	5.088	ug/L	98

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

