

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122721\
 Data File : VU046612.D
 Acq On : 27 Dec 2021 20:39
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Dec 28 04:59:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 04:55:25 2021
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		6.253	114	68680	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.420	117	69056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	39227	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.604	65	27146	5.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%	
7) Chloroethane-d5		1.919	69	25325	5.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.000%	
11) 1,1-Dichloroethene-d2		2.571	65	13633	5.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.600%	
20) 2-Butanone-d5		4.655	46	103163	65.743	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.480%#	
24) Chloroform-d		5.067	84	63679	6.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	128.400%#	
26) 1,2-Dichloroethane-d4		5.706	65	36589	6.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.200%	
32) Benzene-d6		5.732	84	119168	6.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.800%	
36) 1,2-Dichloropropane-d6		6.694	67	37271	6.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.800%	
41) Toluene-d8		7.899	98	110275	6.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.200%	
43) trans-1,3-Dichloroprop...		8.182	79	15353	5.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.800%	
46) 2-Hexanone-d5		8.636	63	98054	62.426	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.860%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	36798	6.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.000%#	
66) 1,2-Dichlorobenzene-d4		12.195	152	41545	5.750	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%	
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.388	85	46064	4.383	ug/L	98
3) Chloromethane		1.523	50	35577	3.931	ug/L	99
5) Vinyl chloride		1.610	62	37080	4.161	ug/L	100
6) Bromomethane		1.864	94	18110	3.376	ug/L	97
8) Chloroethane		1.941	64	23328	4.460	ug/L	99
9) Trichlorofluoromethane		2.147	101	56069	4.811	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...		2.588	101	29639	4.995	ug/L	98
12) 1,1-Dichloroethene		2.588	96	28948	4.792	ug/L	80
13) Acetone		2.678	43	78957	53.669	ug/L	90
14) Carbon disulfide		2.800	76	66607	3.375	ug/L	100
15) Methyl Acetate		2.967	43	16417	5.525	ug/L	93
16) Methylene chloride		3.051	84	36718	4.995	ug/L	94
17) Methyl tert-butyl Ether		3.369	73	95016	5.391	ug/L	99
18) trans-1,2-Dichloroethene		3.359	96	29994	4.654	ug/L	92
19) 1,1-Dichloroethane		3.877	63	61403	5.171	ug/L	98
21) 2-Butanone		4.732	43	124395	55.731	ug/L	94
22) cis-1,2-Dichloroethene		4.671	96	36318	5.155	ug/L	98
23) Bromochloromethane		4.980	128	17798	5.076	ug/L	91
25) Chloroform		5.092	83	68033	5.304	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	48451	5.292	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	57600	5.044	ug/L	97
30) Cyclohexane	5.395	56	37680	3.989	ug/L	94
31) Carbon tetrachloride	5.530	117	46903	4.895	ug/L	99
33) Benzene	5.777	78	131067	4.777	ug/L	100
34) Trichloroethene	6.542	95	34489	4.768	ug/L	98
35) Methylcyclohexane	6.767	83	42269	4.145	ug/L	96
37) 1,2-Dichloropropane	6.793	63	36539	5.221	ug/L	99
38) Bromodichloromethane	7.108	83	51453	5.311	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	53697	5.068	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	285153	54.277	ug/L	96
42) Toluene	7.970	91	142857	5.073	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	50979	5.192	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	31824	5.272	ug/L	98
47) Tetrachloroethene	8.555	164	25367	4.956	ug/L	93
48) 2-Hexanone	8.687	43	213075	54.307	ug/L	97
49) Dibromochloromethane	8.812	129	37536	5.392	ug/L	99
50) 1,2-Dibromoethane	8.925	107	30339	5.207	ug/L #	100
51) Chlorobenzene	9.449	112	93113	5.172	ug/L	99
52) Ethylbenzene	9.571	91	148206	5.084	ug/L	100
53) m,p-Xylene	9.693	106	58742	5.260	ug/L	93
54) o-Xylene	10.102	106	58507	5.452	ug/L	96
55) Styrene	10.115	104	105203	5.652	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	43504	5.516	ug/L	94
59) Bromoform	10.291	173	22952	5.064	ug/L	99
60) Isopropylbenzene	10.484	105	151384	5.004	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	32312	4.960	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	125479	4.987	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	132150	5.216	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	78621	5.346	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	79482	5.280	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	78080	5.294	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	7481	4.961	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	58845	5.287	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	52127	5.530	ug/L	99
71) Naphthalene	14.086	128	115475	5.516	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	52624	5.639	ug/L	99

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

