

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051788.D
 Acq On : 08 Nov 2022 16:52
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Quant Time: Nov 09 00:03:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	199540	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	207158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78926	5.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.000%
7) Chloroethane-d5	1.909	69	74332	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.565	65	32515	5.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.200%
20) 2-Butanone-d5	4.617	46	209425	38.479	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.960%
24) Chloroform-d	5.060	84	166606	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.700	65	81529	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.726	84	330172	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.687	67	104475	4.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.896	98	315152	6.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.600%
43) trans-1,3-Dichloroprop...	8.179	79	36865	5.274	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.629	63	183623	43.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.280%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	98140	4.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	114332	5.671	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	96011	4.400	ug/L	98
3) Chloromethane	1.523	50	99782	3.627	ug/L	98
5) Vinyl chloride	1.604	62	110681	4.200	ug/L	88
6) Bromomethane	1.855	94	70946	5.678	ug/L	98
8) Chloroethane	1.932	64	70466	4.404	ug/L	98
9) Trichlorofluoromethane	2.138	101	136786	4.729	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	85318	5.017	ug/L	98
12) 1,1-Dichloroethene	2.578	96	77468	4.466	ug/L	91
13) Acetone	2.623	43	146129	52.916	ug/L	98
14) Carbon disulfide	2.790	76	194885	3.485	ug/L	100
15) Methyl Acetate	2.948	43	37628	5.205	ug/L	92
16) Methylene chloride	3.044	84	105371	3.708	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	198091	4.980	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	82259	4.419	ug/L	97
19) 1,1-Dichloroethane	3.867	63	168362	4.903	ug/L	99
21) 2-Butanone	4.697	43	241637	55.875	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	96325	4.676	ug/L	98
23) Bromochloromethane	4.973	128	47335	4.914	ug/L	96
25) Chloroform	5.086	83	183122	5.141	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	108562	4.952	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	137703	4.896	ug/L	99
30) Cyclohexane	5.385	56	103385	3.992	ug/L	99
31) Carbon tetrachloride	5.523	117	114259	4.750	ug/L	97
33) Benzene	5.771	78	379834	4.646	ug/L	100
34) Trichloroethene	6.539	95	92070	4.667	ug/L	99
35) Methylcyclohexane	6.761	83	111406	4.084	ug/L	98
37) 1,2-Dichloropropane	6.787	63	107810	5.127	ug/L	99
38) Bromodichloromethane	7.102	83	131364	5.115	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	128897	4.778	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	606613	57.518	ug/L	100
42) Toluene	7.967	91	416871	4.965	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	118404	5.252	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	80600	5.231	ug/L	97
47) Tetrachloroethene	8.549	164	72355	4.789	ug/L	98
48) 2-Hexanone	8.681	43	453303	58.067	ug/L	99
49) Dibromochloromethane	8.806	129	92190	5.237	ug/L	97
50) 1,2-Dibromoethane	8.922	107	73412	5.281	ug/L	97
51) Chlorobenzene	9.443	112	262930	4.976	ug/L	98
52) Ethylbenzene	9.568	91	396944	4.900	ug/L	99
53) m,p-Xylene	9.694	106	156347	4.969	ug/L	96
54) o-Xylene	10.099	106	153917	5.005	ug/L	98
55) Styrene	10.112	104	279877	5.444	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	109557	5.734	ug/L	98
59) Bromoform	10.285	173	53110	5.233	ug/L	100
60) Isopropylbenzene	10.481	105	401575	5.008	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	75529	5.317	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	100095	4.636	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	289981	4.658	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	209068	5.237	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	208343	5.205	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	203766	5.240	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	15233	5.208	ug/L	95
69) 1,3,5-Trichlorobenzene	13.214	180	146739	5.157	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	111822	5.119	ug/L	98
71) Naphthalene	14.082	128	186592	4.576	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	112435	5.097	ug/L	100

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

