

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110422\
 Data File : VU051750.D
 Acq On : 04 Nov 2022 10:15
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005081

Quant Time: Nov 04 22:01:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	200043	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	210932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	122273	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64112	4.255	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.909	69	59380	3.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.565	65	25238	4.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.616	46	189943	34.811	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.620%
24) Chloroform-d	5.060	84	144836	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.700	65	69985	3.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
32) Benzene-d6	5.726	84	268512	4.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.690	67	89013	3.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.400%
41) Toluene-d8	7.896	98	246192	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.179	79	31961	4.491	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.629	63	164853	38.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.960%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	86812	4.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	93671	4.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	108316	4.951	ug/L	99
3) Chloromethane	1.523	50	104876	3.803	ug/L	99
5) Vinyl chloride	1.604	62	126884	4.803	ug/L	# 78
6) Bromomethane	1.854	94	65759	5.250	ug/L	99
8) Chloroethane	1.932	64	82650	5.152	ug/L	95
9) Trichlorofluoromethane	2.137	101	149575	5.158	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	92758	5.441	ug/L	97
12) 1,1-Dichloroethene	2.578	96	84161	4.839	ug/L	92
13) Acetone	2.620	43	146193	52.806	ug/L	99
14) Carbon disulfide	2.793	76	267297	4.768	ug/L	100
15) Methyl Acetate	2.948	43	36798	5.077	ug/L	94
16) Methylene chloride	3.044	84	115272	4.047	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	201985	5.065	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	93674	5.019	ug/L	99
19) 1,1-Dichloroethane	3.867	63	176063	5.114	ug/L	99
21) 2-Butanone	4.697	43	234273	54.036	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	105271	5.097	ug/L	96
23) Bromochloromethane	4.973	128	49666	5.143	ug/L	98
25) Chloroform	5.086	83	181655	5.087	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	110101	5.010	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	143094	4.996	ug/L	98
30) Cyclohexane	5.388	56	126427	4.794	ug/L	99
31) Carbon tetrachloride	5.523	117	123310	5.034	ug/L	99
33) Benzene	5.774	78	407632	4.897	ug/L	100
34) Trichloroethene	6.542	95	100239	4.990	ug/L	98
35) Methylcyclohexane	6.761	83	142048	5.114	ug/L	98
37) 1,2-Dichloropropane	6.790	63	106945	4.995	ug/L	99
38) Bromodichloromethane	7.105	83	133493	5.105	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	136788	4.980	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	563344	52.460	ug/L	100
42) Toluene	7.967	91	445899	5.216	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	118896	5.180	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	81401	5.188	ug/L	97
47) Tetrachloroethene	8.552	164	78713	5.116	ug/L	95
48) 2-Hexanone	8.681	43	418756	52.682	ug/L	98
49) Dibromochloromethane	8.809	129	92755	5.175	ug/L	100
50) 1,2-Dibromoethane	8.922	107	74299	5.249	ug/L	98
51) Chlorobenzene	9.446	112	274662	5.105	ug/L	99
52) Ethylbenzene	9.568	91	425816	5.162	ug/L	99
53) m,p-Xylene	9.693	106	168718	5.266	ug/L	95
54) o-Xylene	10.099	106	165045	5.271	ug/L	100
55) Styrene	10.115	104	289469	5.530	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.780	83	101607	5.223	ug/L	98
59) Bromoform	10.288	173	53901	4.771	ug/L	98
60) Isopropylbenzene	10.484	105	426162	4.774	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	72211	4.567	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	108043	4.496	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	317830	4.587	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	219613	4.942	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	221475	4.971	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	207856	4.802	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	15166	4.658	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	158932	5.018	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	126990	5.222	ug/L	99
71) Naphthalene	14.085	128	208800	4.600	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	124103	5.054	ug/L	99

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

