

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081122\
 Data File : VU050225.D
 Acq On : 11 Aug 2022 11:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005156

Quant Time: Aug 12 01:26:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 10 05:49:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	97090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95073	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	39055	4.834	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.912	69	34753	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.562	65	15729	4.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	4.645	46	126794	64.351	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.700%
24) Chloroform-d	5.063	84	78408	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.703	65	40648	5.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.729	84	153133	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.693	67	52312	5.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.899	98	138978	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	8.182	79	18351	5.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.636	63	78349	63.106	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46392	5.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	46275	5.091	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	41473	4.659	ug/L	98
3) Chloromethane	1.517	50	52411	4.501	ug/L	99
5) Vinyl chloride	1.600	62	50029	4.796	ug/L	99
6) Bromomethane	1.854	94	44652	6.706	ug/L	99
8) Chloroethane	1.932	64	30692	4.994	ug/L	98
9) Trichlorofluoromethane	2.134	101	55809	4.886	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	31700	4.989	ug/L	96
12) 1,1-Dichloroethene	2.578	96	33569	5.002	ug/L	91
13) Acetone	2.658	43	75943	69.208	ug/L	91
14) Carbon disulfide	2.790	76	113056	4.717	ug/L	99
15) Methyl Acetate	2.961	43	18647	6.224	ug/L #	89
16) Methylene chloride	3.044	84	46100	4.496	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	96815	5.527	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	37901	5.044	ug/L	96
19) 1,1-Dichloroethane	3.870	63	74220	5.216	ug/L	98
21) 2-Butanone	4.722	43	127131	64.429	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	44011	5.277	ug/L	98
23) Bromochloromethane	4.973	128	20505	5.144	ug/L	94
25) Chloroform	5.089	83	77744	5.125	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	49839	5.398	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	58762	5.038	ug/L	99
30) Cyclohexane	5.388	56	50885	5.008	ug/L	99
31) Carbon tetrachloride	5.526	117	47600	4.979	ug/L	98
33) Benzene	5.774	78	170708	5.125	ug/L	100
34) Trichloroethene	6.542	95	40527	5.030	ug/L	97
35) Methylcyclohexane	6.764	83	52207	5.020	ug/L	99
37) 1,2-Dichloropropane	6.793	63	47143	5.313	ug/L	99
38) Bromodichloromethane	7.108	83	56799	5.270	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	60995	5.268	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	293780	57.165	ug/L	100
42) Toluene	7.970	91	176306	5.277	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	53453	5.382	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	35322	5.326	ug/L	97
47) Tetrachloroethene	8.555	164	28541	4.944	ug/L	97
48) 2-Hexanone	8.687	43	229969	57.856	ug/L	98
49) Dibromochloromethane	8.809	129	39066	5.322	ug/L	96
50) 1,2-Dibromoethane	8.925	107	32933	5.476	ug/L	97
51) Chlorobenzene	9.446	112	110311	5.248	ug/L	98
52) Ethylbenzene	9.571	91	171550	5.262	ug/L	100
53) m,p-Xylene	9.693	106	65727	5.475	ug/L	99
54) o-Xylene	10.102	106	65925	5.501	ug/L	98
55) Styrene	10.115	104	110460	5.517	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	47229	5.419	ug/L	99
59) Bromoform	10.291	173	22078	4.746	ug/L	97
60) Isopropylbenzene	10.484	105	157413	5.081	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	33054	5.231	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	48403	5.530	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	128911	5.406	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	81089	5.193	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	80396	5.291	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	79379	5.249	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	6984	5.637	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	61271	5.508	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	54695	6.490	ug/L	99
71) Naphthalene	14.085	128	133857	7.745	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	59375	6.950	ug/L	97

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

