

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050347.D
 Acq On : 15 Aug 2022 17:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005164

Quant Time: Aug 16 00:33:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:29:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	106090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	102954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32966	3.734	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.909	69	28186	3.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.565	65	12686	3.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	4.633	46	114097	52.994	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.980%
24) Chloroform-d	5.063	84	73196	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.703	65	37676	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.726	84	134178	4.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.690	67	47198	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.896	98	120521	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.179	79	16597	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.636	63	65907	49.021	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.040%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	44466	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	41378	4.336	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	49884	5.129	ug/L	99
3) Chloromethane	1.520	50	56857	4.469	ug/L	99
5) Vinyl chloride	1.601	62	56767	4.981	ug/L	100
6) Bromomethane	1.855	94	21249	2.921	ug/L	98
8) Chloroethane	1.932	64	32562	4.848	ug/L	98
9) Trichlorofluoromethane	2.134	101	69831	5.595	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	42392	6.105	ug/L	97
12) 1,1-Dichloroethene	2.578	96	38288	5.221	ug/L	85
13) Acetone	2.642	43	75802	63.219	ug/L	93
14) Carbon disulfide	2.790	76	119189	4.551	ug/L	100
15) Methyl Acetate	2.957	43	19516	5.961	ug/L	93
16) Methylene chloride	3.044	84	50234	4.483	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	92921	4.855	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	40961	4.989	ug/L	96
19) 1,1-Dichloroethane	3.867	63	81779	5.259	ug/L	99
21) 2-Butanone	4.710	43	126003	58.440	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	45128	4.952	ug/L	99
23) Bromochloromethane	4.977	128	21871	5.021	ug/L	98
25) Chloroform	5.089	83	85350	5.149	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	52347	5.189	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	68887	5.454	ug/L	98
30) Cyclohexane	5.388	56	58287	5.297	ug/L	100
31) Carbon tetrachloride	5.523	117	57020	5.508	ug/L	98
33) Benzene	5.774	78	184004	5.101	ug/L	100
34) Trichloroethene	6.542	95	44479	5.098	ug/L	98
35) Methylcyclohexane	6.764	83	61160	5.431	ug/L	97
37) 1,2-Dichloropropane	6.790	63	49802	5.183	ug/L	100
38) Bromodichloromethane	7.105	83	60466	5.181	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	61232	4.883	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	292953	52.640	ug/L	99
42) Toluene	7.970	91	192358	5.317	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	53502	4.975	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	36730	5.114	ug/L	97
47) Tetrachloroethene	8.552	164	32940	5.270	ug/L	96
48) 2-Hexanone	8.684	43	230650	53.586	ug/L	99
49) Dibromochloromethane	8.809	129	40776	5.129	ug/L	96
50) 1,2-Dibromoethane	8.922	107	33548	5.151	ug/L	100
51) Chlorobenzene	9.446	112	114493	5.030	ug/L	99
52) Ethylbenzene	9.571	91	178487	5.056	ug/L	99
53) m,p-Xylene	9.693	106	69529	5.348	ug/L	98
54) o-Xylene	10.102	106	66792	5.147	ug/L	99
55) Styrene	10.115	104	112656	5.196	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	48784	5.169	ug/L	99
59) Bromoform	10.288	173	23084	4.726	ug/L	98
60) Isopropylbenzene	10.484	105	170647	5.246	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	33352	5.027	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	44234	4.813	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	121846	4.866	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	80668	4.920	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	80207	5.028	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	78307	4.932	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6817	5.240	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	57532	4.926	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	41395	4.678	ug/L	98
71) Naphthalene	14.086	128	72895	4.017	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	41601	4.638	ug/L	99

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

