

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050332.D
 Acq On : 15 Aug 2022 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005163

Quant Time: Aug 16 00:26:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Aug 14 01:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	111469	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	108547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	52158	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	38907	4.194	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.913	69	33331	4.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.562	65	14430	3.980	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.643	46	114352	50.550	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.100%
24) Chloroform-d	5.064	84	74442	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.704	65	37963	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.726	84	136622	4.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.691	67	47056	4.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.896	98	118656	3.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.179	79	16561	4.143	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.636	63	65153	45.963	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42369	4.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	39386	3.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	52394	5.127	ug/L	99
3) Chloromethane	1.520	50	58748	4.395	ug/L	99
5) Vinyl chloride	1.604	62	60158	5.024	ug/L	99
6) Bromomethane	1.858	94	36774	4.811	ug/L	99
8) Chloroethane	1.935	64	35064	4.969	ug/L	98
9) Trichlorofluoromethane	2.138	101	71529	5.454	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	42781	5.864	ug/L	96
12) 1,1-Dichloroethene	2.575	96	39716	5.155	ug/L	91
13) Acetone	2.655	43	77800	61.755	ug/L	93
14) Carbon disulfide	2.790	76	126592	4.600	ug/L	98
15) Methyl Acetate	2.961	43	20357	5.918	ug/L	92
16) Methylene chloride	3.044	84	50216	4.265	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	94797	4.714	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	42117	4.882	ug/L	95
19) 1,1-Dichloroethane	3.871	63	83563	5.115	ug/L	99
21) 2-Butanone	4.720	43	127105	56.106	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	47641	4.975	ug/L	98
23) Bromochloromethane	4.974	128	22379	4.890	ug/L	95
25) Chloroform	5.089	83	87224	5.008	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	50652	4.778	ug/L	99
29) 1,1,1-Trichloroethane	5.318	97	71311	5.355	ug/L	99
30) Cyclohexane	5.388	56	62558	5.392	ug/L	99
31) Carbon tetrachloride	5.523	117	59924	5.490	ug/L	100
33) Benzene	5.774	78	192057	5.050	ug/L	100
34) Trichloroethene	6.543	95	45956	4.996	ug/L	98
35) Methylcyclohexane	6.765	83	66342	5.587	ug/L	99
37) 1,2-Dichloropropane	6.790	63	51925	5.126	ug/L	99
38) Bromodichloromethane	7.105	83	62720	5.097	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	64921	4.911	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	293284	49.985	ug/L	99
42) Toluene	7.970	91	198084	5.193	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	55703	4.913	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	37166	4.908	ug/L	96
47) Tetrachloroethene	8.552	164	34612	5.252	ug/L	100
48) 2-Hexanone	8.687	43	230404	50.770	ug/L	98
49) Dibromochloromethane	8.810	129	42277	5.044	ug/L	98
50) 1,2-Dibromoethane	8.925	107	33613	4.895	ug/L	98
51) Chlorobenzene	9.446	112	119328	4.972	ug/L	97
52) Ethylbenzene	9.572	91	190599	5.121	ug/L	100
53) m,p-Xylene	9.694	106	73826	5.386	ug/L	97
54) o-Xylene	10.099	106	71883	5.254	ug/L	99
55) Styrene	10.115	104	120144	5.256	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	49063	4.931	ug/L	100
59) Bromoform	10.292	173	24035	4.595	ug/L	98
60) Isopropylbenzene	10.485	105	182804	5.248	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	33759	4.751	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	48719	4.950	ug/L	97
63) 1,2,4-Trimethylbenzene	11.469	105	137262	5.119	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	86633	4.934	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	86350	5.055	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	84535	4.972	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	6781	4.867	ug/L	94
69) 1,3,5-Trichlorobenzene	13.218	180	62400	4.989	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	48156	5.082	ug/L	98
71) Naphthalene	14.086	128	89529	4.607	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	48610	5.060	ug/L	100

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

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