

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047477.D
 Acq On : 10 Mar 2022 22:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005095

Quant Time: Mar 11 00:59:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	138536	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	133149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35157	4.679	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.919	69	27030	4.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.571	65	16110	4.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.649	46	74931	56.014	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.020%
24) Chloroform-d	5.067	84	61625	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.706	65	30203	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.729	84	123438	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.693	67	36822	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.899	98	120327	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.182	79	15850	5.038	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.636	63	69694	50.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32605	5.050	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	46493	4.914	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	48872	4.712	ug/L	97
3) Chloromethane	1.523	50	53190	5.135	ug/L	98
5) Vinyl chloride	1.607	62	53684	5.269	ug/L	99
6) Bromomethane	1.861	94	25027	4.308	ug/L	100
8) Chloroethane	1.938	64	31975	5.167	ug/L	100
9) Trichlorofluoromethane	2.144	101	67237	5.009	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	38326	4.624	ug/L	98
12) 1,1-Dichloroethene	2.588	96	41849	5.145	ug/L	99
13) Acetone	2.661	43	70522	57.378	ug/L	96
14) Carbon disulfide	2.800	76	124919	5.003	ug/L	99
15) Methyl Acetate	2.967	43	19595	6.033	ug/L	98
16) Methylene chloride	3.054	84	51541	5.309	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	112339	5.356	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	44568	5.118	ug/L	97
19) 1,1-Dichloroethane	3.877	63	79918	5.396	ug/L	99
21) 2-Butanone	4.726	43	126007	56.930	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	50610	5.245	ug/L	99
23) Bromochloromethane	4.980	128	24961	5.414	ug/L	91
25) Chloroform	5.092	83	85750	5.347	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	55360	5.362	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	72448	5.266	ug/L	98
30) Cyclohexane	5.391	56	64066	4.834	ug/L	98
31) Carbon tetrachloride	5.530	117	62475	5.171	ug/L	99
33) Benzene	5.777	78	187671	5.219	ug/L	100
34) Trichloroethene	6.546	95	48901	5.087	ug/L	98
35) Methylcyclohexane	6.764	83	64596	4.260	ug/L	99
37) 1,2-Dichloropropane	6.793	63	49005	5.472	ug/L	99
38) Bromodichloromethane	7.108	83	64337	5.411	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	70578	5.198	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	331711	54.334	ug/L	99
42) Toluene	7.970	91	202433	5.182	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	63784	5.209	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	40638	5.537	ug/L	98
47) Tetrachloroethene	8.555	164	38193	4.684	ug/L	97
48) 2-Hexanone	8.687	43	246018	55.544	ug/L	98
49) Dibromochloromethane	8.812	129	48268	5.414	ug/L	99
50) 1,2-Dibromoethane	8.925	107	39772	5.325	ug/L	98
51) Chlorobenzene	9.446	112	132984	5.089	ug/L	100
52) Ethylbenzene	9.571	91	210517	4.976	ug/L	99
53) m,p-Xylene	9.693	106	80195	4.832	ug/L	95
54) o-Xylene	10.102	106	81460	5.066	ug/L	97
55) Styrene	10.115	104	139141	5.119	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	53409	5.436	ug/L	100
59) Bromoform	10.291	173	30871	5.495	ug/L	99
60) Isopropylbenzene	10.484	105	206959	4.957	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	37627	5.444	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	129810	4.740	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	168841	4.753	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	107505	4.858	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	108299	4.819	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	107261	5.045	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	8296	5.324	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	82261	4.532	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	74179	4.585	ug/L	100
71) Naphthalene	14.085	128	143994	4.976	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	72700	4.901	ug/L	100

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

