

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012121\
 Data File : VU042160.D
 Acq On : 21 Jan 2021 18:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Quant Time: Jan 22 02:53:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 22 02:43:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	107522	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	101974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	54854	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.600	65	29890	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.916	69	25324	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.571	63	72440	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.655	46	135288	53.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.90%
24) Chloroform-d	5.073	84	71198	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.710	65	42102	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.735	84	126623	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.697	67	41679	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.906	98	115182	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloroprop...	8.185	79	20232	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.642	63	98807	52.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.26%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	37412	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	48024	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.385	85	51058	5.04	ug/L 99
3) Chloromethane	1.520	50	46577	5.16	ug/L 98
5) Vinyl chloride	1.604	62	44702	5.17	ug/L 99
6) Bromomethane	1.861	94	25806	5.04	ug/L 100
8) Chloroethane	1.938	64	26153	5.21	ug/L 99
9) Trichlorofluoromethane	2.141	101	61350	5.23	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	39516	5.21	ug/L 99
12) 1,1-Dichloroethene	2.584	96	37089	5.09	ug/L 96
13) Acetone	2.665	43	90453	53.66	ug/L 95
14) Carbon disulfide	2.800	76	123093	5.09	ug/L 99
15) Methyl Acetate	2.967	43	23186	5.83	ug/L 97
16) Methylene chloride	3.054	84	45373	5.29	ug/L 100
17) Methyl tert-butyl Ether	3.372	73	109633	5.20	ug/L 100
18) trans-1,2-Dichloroethene	3.359	96	39513	5.10	ug/L 98
19) 1,1-Dichloroethane	3.877	63	75753	5.29	ug/L 99
21) 2-Butanone	4.732	43	155882	55.20	ug/L 100
22) cis-1,2-Dichloroethene	4.678	96	41912	5.07	ug/L 99
23) Bromochloromethane	4.983	128	19747	5.17	ug/L 96
25) Chloroform	5.099	83	76395	5.17	ug/L 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	56263	5.37	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	71033	5.28	ug/L	99
30) Cyclohexane	5.398	56	73857	5.11	ug/L	100
31) Carbon tetrachloride	5.533	117	62509	5.28	ug/L	99
33) Benzene	5.780	78	159176	5.30	ug/L	100
34) Trichloroethene	6.549	95	42001	5.19	ug/L	99
35) Methylcyclohexane	6.771	83	69543	5.12	ug/L	98
37) 1,2-Dichloropropane	6.800	63	41687	5.27	ug/L	100
38) Bromodichloromethane	7.115	83	57360	5.25	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	66620	5.12	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	366273	54.19	ug/L	100
42) Toluene	7.976	91	169945	5.23	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	59777	5.02	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	30914	5.28	ug/L	97
47) Tetrachloroethene	8.562	164	34434	5.12	ug/L	98
48) 2-Hexanone	8.697	43	265420	56.48	ug/L	99
49) Dibromochloromethane	8.819	129	39543	5.08	ug/L	96
50) 1,2-Dibromoethane	8.931	107	31664	5.25	ug/L	99
51) Chlorobenzene	9.455	112	106081	5.11	ug/L	99
52) Ethylbenzene	9.578	91	190174	5.11	ug/L	99
53) m,p-Xylene	9.700	106	71358	5.12	ug/L	98
54) o-Xylene	10.108	106	70485	5.21	ug/L	97
55) Styrene	10.121	104	118587	5.09	ug/L	99
56) Isopropylbenzene	10.491	105	190852	5.11	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.793	83	39225	5.25	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	29747	5.33	ug/L	99
61) Bromoform	10.301	173	25071	5.05	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	86068	5.03	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	87480	5.11	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	84568	5.31	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	7715	5.43	ug/L	96
67) 1,3,5-Trichlorobenzene	13.227	180	67800	4.95	ug/L	98
68) 1,2,4-trichlorobenzene	13.848	180	57159	5.27	ug/L	100
69) Naphthalene	14.095	128	104097	6.57	ug/L	99
70) 1,2,3-Trichlorobenzene	14.339	180	53558	5.58	ug/L	100

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

