

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042184.D
 Acq On : 22 Jan 2021 20:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Jan 23 06:27:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	102118	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	96056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	53704	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	26210	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.916	69	22699	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.575	63	66609	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	4.642	46	119118	49.56	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.12%
24) Chloroform-d	5.073	84	66498	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.710	65	38779	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.735	84	116439	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.700	67	37709	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.906	98	106892	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloroprop...	8.185	79	17995	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.642	63	86245	48.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.60%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33950	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	45207	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.385	85	47619	4.95	ug/L 99
3) Chloromethane	1.520	50	41567	4.85	ug/L 99
5) Vinyl chloride	1.607	62	40571	4.94	ug/L 99
6) Bromomethane	1.861	94	17468	3.59	ug/L 98
8) Chloroethane	1.938	64	24281	5.09	ug/L 99
9) Trichlorofluoromethane	2.144	101	59878	5.37	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36357	5.05	ug/L 99
12) 1,1-Dichloroethene	2.584	96	34204	4.94	ug/L 91
13) Acetone	2.652	43	77925	48.67	ug/L 98
14) Carbon disulfide	2.800	76	114739	5.00	ug/L 99
15) Methyl Acetate	2.961	43	19888	5.27	ug/L 99
16) Methylene chloride	3.054	84	45193	5.54	ug/L 100
17) Methyl tert-butyl Ether	3.372	73	98245	4.91	ug/L 99
18) trans-1,2-Dichloroethene	3.359	96	37238	5.06	ug/L 97
19) 1,1-Dichloroethane	3.880	63	71262	5.24	ug/L 97
21) 2-Butanone	4.723	43	135660	50.58	ug/L 99
22) cis-1,2-Dichloroethene	4.678	96	39445	5.02	ug/L 98
23) Bromochloromethane	4.983	128	18589	5.12	ug/L 92
25) Chloroform	5.099	83	72559	5.17	ug/L 100

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27) 1,2-Dichloroethane	5.803	62	51583	5.18	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	65487	5.17	ug/L	98
30) Cyclohexane	5.395	56	68551	5.04	ug/L	99
31) Carbon tetrachloride	5.533	117	57159	5.13	ug/L	98
33) Benzene	5.780	78	148031	5.23	ug/L	100
34) Trichloroethene	6.549	95	39868	5.23	ug/L	96
35) Methylcyclohexane	6.771	83	63434	4.96	ug/L	100
37) 1,2-Dichloropropane	6.800	63	38935	5.23	ug/L	100
38) Bromodichloromethane	7.115	83	53966	5.25	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	60400	4.93	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	327193	51.39	ug/L	100
42) Toluene	7.976	91	160998	5.26	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	53872	4.80	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	28716	5.21	ug/L	97
47) Tetrachloroethene	8.562	164	32113	5.07	ug/L	95
48) 2-Hexanone	8.693	43	238483	53.87	ug/L	97
49) Dibromochloromethane	8.819	129	36641	5.00	ug/L	100
50) 1,2-Dibromoethane	8.931	107	28900	5.08	ug/L	97
51) Chlorobenzene	9.456	112	101503	5.19	ug/L	100
52) Ethylbenzene	9.578	91	180119	5.13	ug/L	100
53) m,p-Xylene	9.700	106	68396	5.21	ug/L	100
54) o-Xylene	10.108	106	66068	5.19	ug/L	98
55) Styrene	10.121	104	113037	5.15	ug/L	97
56) Isopropylbenzene	10.491	105	180819	5.14	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	36472	5.18	ug/L	96
59) 1,2,3-Trichloropropane	10.832	75	27112	5.16	ug/L	98
61) Bromoform	10.298	173	23034	4.74	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	83362	4.97	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	83761	5.00	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	79935	5.13	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	6568	4.72	ug/L	92
67) 1,3,5-Trichlorobenzene	13.227	180	67234	5.01	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	58040	5.47	ug/L	100
69) Naphthalene	14.095	128	101802	6.56	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	52661	5.61	ug/L	99

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

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