

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
 Data File : VU042269.D
 Acq On : 04 Feb 2021 17:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Feb 05 02:25:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 05 02:23:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	92793	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	87536	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	48704	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.604	65	26641	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.919	69	23420	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.575	63	66827	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	4.642	46	89472	40.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.92%
24) Chloroform-d	5.073	84	66088	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.713	65	38727	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.735	84	116010	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.700	67	38223	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.906	98	110171	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloroprop...	8.185	79	16476	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.645	63	84256	51.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.56%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32643	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	44128	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.388	85	39391	4.51	ug/L	99
3) Chloromethane	1.523	50	34259	4.40	ug/L	97
5) Vinyl chloride	1.607	62	36417	4.88	ug/L	100
6) Bromomethane	1.864	94	19967	4.51	ug/L	97
8) Chloroethane	1.941	64	21073	4.86	ug/L	98
9) Trichlorofluoromethane	2.144	101	56243	5.55	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33654	5.14	ug/L	97
12) 1,1-Dichloroethene	2.588	96	31895	5.07	ug/L	95
13) Acetone	2.652	43	53972	37.10	ug/L	98
14) Carbon disulfide	2.800	76	90424	4.33	ug/L	99
15) Methyl Acetate	2.961	43	14463	4.21	ug/L	99
16) Methylene chloride	3.054	84	33884	4.57	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	89102	4.90	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	32503	4.86	ug/L	97
19) 1,1-Dichloroethane	3.880	63	64462	5.21	ug/L	98
21) 2-Butanone	4.723	43	98974	40.61	ug/L	100
22) cis-1,2-Dichloroethene	4.681	96	35731	5.01	ug/L	99
23) Bromochloromethane	4.986	128	17113	5.19	ug/L	96
25) Chloroform	5.099	83	67226	5.27	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	47603	5.26	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	59529	5.16	ug/L	95
30) Cyclohexane	5.398	56	59845	4.83	ug/L	99
31) Carbon tetrachloride	5.536	117	52078	5.12	ug/L	100
33) Benzene	5.784	78	133978	5.20	ug/L	100
34) Trichloroethene	6.552	95	36843	5.30	ug/L	96
35) Methylcyclohexane	6.771	83	56683	4.86	ug/L	98
37) 1,2-Dichloropropane	6.800	63	37336	5.50	ug/L	99
38) Bromodichloromethane	7.115	83	48420	5.17	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	54466	4.88	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	314111	54.13	ug/L	97
42) Toluene	7.976	91	147421	5.28	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	49322	4.82	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	26888	5.35	ug/L	95
47) Tetrachloroethene	8.562	164	30123	5.22	ug/L	99
48) 2-Hexanone	8.697	43	229806	56.96	ug/L	97
49) Dibromochloromethane	8.819	129	33294	4.99	ug/L	95
50) 1,2-Dibromoethane	8.931	107	26502	5.11	ug/L	98
51) Chlorobenzene	9.456	112	92799	5.20	ug/L	99
52) Ethylbenzene	9.578	91	166254	5.20	ug/L	99
53) m,p-Xylene	9.703	106	62907	5.25	ug/L	99
54) o-Xylene	10.108	106	61182	5.27	ug/L	99
55) Styrene	10.121	104	102709	5.14	ug/L	99
56) Isopropylbenzene	10.491	105	164839	5.14	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	34888	5.44	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	26099	5.45	ug/L	97
61) Bromoform	10.298	173	20536	4.66	ug/L	98
62) 1,3-Dichlorobenzene	11.754	146	77730	5.11	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	78655	5.17	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	76333	5.40	ug/L	100
66) 1,2-Dibromo-3-chloropr...	13.005	75	6350	5.03	ug/L	93
67) 1,3,5-Trichlorobenzene	13.227	180	63817	5.25	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	55986	5.82	ug/L	100
69) Naphthalene	14.095	128	88722	6.30	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	48675	5.71	ug/L	99

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

