

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042652.D
 Acq On : 15 Mar 2021 09:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Mar 16 01:24:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 06:39:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88982	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	88925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	47181	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.604	65	23095	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.919	69	20543	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.578	63	61437	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	4.649	46	103424	53.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.20%
24) Chloroform-d	5.073	84	57935	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.713	65	37066	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.735	84	100669	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.700	67	33398	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.906	98	103756	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloroprop...	8.189	79	15134	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.642	63	74719	47.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.98%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32192	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	42239	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.388	85	39118	4.72	ug/L 100
3) Chloromethane	1.523	50	36320	4.63	ug/L 100
5) Vinyl chloride	1.607	62	36190	4.60	ug/L 100
6) Bromomethane	1.864	94	22093	5.09	ug/L 96
8) Chloroethane	1.941	64	23355	4.97	ug/L 95
9) Trichlorofluoromethane	2.144	101	66809	5.20	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35668	5.28	ug/L 98
12) 1,1-Dichloroethene	2.588	96	30684	4.89	ug/L 88
13) Acetone	2.658	43	53721	35.79	ug/L 94
14) Carbon disulfide	2.800	76	89432	4.48	ug/L 98
15) Methyl Acetate	2.961	43	15005	4.02	ug/L 99
16) Methylene chloride	3.054	84	34006	4.53	ug/L 99
17) Methyl tert-butyl Ether	3.375	73	83908	4.76	ug/L 98
18) trans-1,2-Dichloroethene	3.363	96	31296	4.75	ug/L 98
19) 1,1-Dichloroethane	3.880	63	63690	5.01	ug/L 96
21) 2-Butanone	4.726	43	122443	47.99	ug/L 96
22) cis-1,2-Dichloroethene	4.678	96	34368	4.88	ug/L 95
23) Bromochloromethane	4.983	128	17396	5.19	ug/L 98
25) Chloroform	5.099	83	67284	5.04	ug/L 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	49443	4.93	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	61533	4.98	ug/L	98
30) Cyclohexane	5.398	56	55241	4.47	ug/L	99
31) Carbon tetrachloride	5.536	117	52879	4.85	ug/L	97
33) Benzene	5.784	78	135092	4.86	ug/L	100
34) Trichloroethene	6.549	95	36776	4.77	ug/L	98
35) Methylcyclohexane	6.774	83	53815	4.59	ug/L	98
37) 1,2-Dichloropropane	6.800	63	37963	5.05	ug/L	98
38) Bromodichloromethane	7.115	83	49893	5.09	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	51891	4.74	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	329299	50.28	ug/L	96
42) Toluene	7.976	91	151260	4.98	ug/L	96
44) trans-1,3-Dichloropropene	8.221	75	50643	5.02	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	28576	5.16	ug/L	97
47) Tetrachloroethene	8.562	164	30464	4.84	ug/L	97
48) 2-Hexanone	8.697	43	246131	50.94	ug/L	97
49) Dibromochloromethane	8.819	129	35557	5.13	ug/L	96
50) 1,2-Dibromoethane	8.931	107	29045	5.32	ug/L	100
51) Chlorobenzene	9.456	112	94689	4.88	ug/L	99
52) Ethylbenzene	9.578	91	163508	4.78	ug/L	99
53) m,p-Xylene	9.700	106	61745	4.88	ug/L	98
54) o-Xylene	10.108	106	59445	4.85	ug/L	98
55) Styrene	10.121	104	104694	5.03	ug/L	100
56) Isopropylbenzene	10.491	105	164984	4.90	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	37145	5.01	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	29225	5.18	ug/L	97
61) Bromoform	10.298	173	22869	5.37	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	81432	5.00	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	82207	5.07	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	79338	5.06	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	6884	5.23	ug/L	88
67) 1,3,5-Trichlorobenzene	13.227	180	65257	4.63	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	51902	4.44	ug/L	100
69) Naphthalene	14.095	128	80982	4.27	ug/L	98
70) 1,2,3-Trichlorobenzene	14.340	180	49607	4.68	ug/L	99

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

