

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042845.D
 Acq On : 30 Mar 2021 17:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Quant Time: Mar 31 02:12:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 31 02:07:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	76208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	79208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44730	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18973	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.922	69	17437	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.578	63	49047	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	4.645	46	86172	51.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.32%
24) Chloroform-d	5.073	84	50572	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.713	65	30535	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.739	84	84634	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.700	67	28599	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.906	98	82440	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloroprop...	8.185	79	12276	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.645	63	72579	51.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.58%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28440	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	36088	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	33427	4.71	ug/L	98
3) Chloromethane	1.523	50	31927	4.75	ug/L	98
5) Vinyl chloride	1.610	62	32143	4.77	ug/L	98
6) Bromomethane	1.864	94	19155	5.15	ug/L	98
8) Chloroethane	1.941	64	19454	4.83	ug/L	97
9) Trichlorofluoromethane	2.147	101	55432	5.04	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	27853	4.82	ug/L	98
12) 1,1-Dichloroethene	2.588	96	25353	4.72	ug/L	86
13) Acetone	2.661	43	42737	33.25	ug/L	95
14) Carbon disulfide	2.803	76	81392	4.76	ug/L	99
15) Methyl Acetate	2.964	43	12197	3.82	ug/L	99
16) Methylene chloride	3.054	84	29834	4.64	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	67482	4.47	ug/L	98
18) trans-1,2-Dichloroethene	3.366	96	26154	4.63	ug/L	98
19) 1,1-Dichloroethane	3.880	63	50477	4.64	ug/L	100
21) 2-Butanone	4.726	43	103158	47.21	ug/L	90
22) cis-1,2-Dichloroethene	4.677	96	28211	4.68	ug/L	100
23) Bromochloromethane	4.986	128	13866	4.83	ug/L	97
25) Chloroform	5.102	83	55180	4.82	ug/L	96

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

27) 1,2-Dichloroethane	5.806	62	39711	4.63	ug/L #	95
29) 1,1,1-Trichloroethane	5.330	97	48933	4.44	ug/L	97
30) Cyclohexane	5.401	56	45615	4.15	ug/L	99
31) Carbon tetrachloride	5.533	117	42693	4.39	ug/L	100
33) Benzene	5.784	78	111416	4.50	ug/L	100
34) Trichloroethene	6.552	95	29177	4.25	ug/L	97
35) Methylcyclohexane	6.774	83	44180	4.23	ug/L	98
37) 1,2-Dichloropropane	6.800	63	30658	4.58	ug/L #	97
38) Bromodichloromethane	7.115	83	40231	4.61	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	41941	4.30	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	274922	47.13	ug/L	96
42) Toluene	7.976	91	124641	4.61	ug/L	94
44) trans-1,3-Dichloropropene	8.218	75	40088	4.46	ug/L	100
45) 1,1,2-Trichloroethane	8.410	97	22751	4.61	ug/L	96
47) Tetrachloroethene	8.562	164	24853	4.44	ug/L	95
48) 2-Hexanone	8.697	43	203913	47.38	ug/L	96
49) Dibromochloromethane	8.816	129	27889	4.52	ug/L	94
50) 1,2-Dibromoethane	8.931	107	23122	4.75	ug/L #	98
51) Chlorobenzene	9.455	112	77871	4.51	ug/L	99
52) Ethylbenzene	9.578	91	132206	4.34	ug/L	99
53) m,p-Xylene	9.700	106	50283	4.46	ug/L	98
54) o-Xylene	10.108	106	49295	4.52	ug/L	98
55) Styrene	10.121	104	84234	4.54	ug/L	97
56) Isopropylbenzene	10.491	105	132791	4.43	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	30030	4.54	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	22961	4.57	ug/L	100
61) Bromoform	10.298	173	18126	4.49	ug/L	97
62) 1,3-Dichlorobenzene	11.751	146	66600	4.31	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	67616	4.40	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	63690	4.29	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.002	75	5274	4.23	ug/L	81
67) 1,3,5-Trichlorobenzene	13.227	180	55258	4.13	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	42429	3.83	ug/L	98
69) Naphthalene	14.095	128	69484	3.86	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	40648	4.05	ug/L	98

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

