

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042476.D
 Acq On : 04 Mar 2021 10:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Mar 05 00:27:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 03 15:58:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	105531	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	101706	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	57056	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30796	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.919	69	24901	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.575	63	74949	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.646	46	83701	36.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.48%
24) Chloroform-d	5.077	84	66271	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.710	65	41746	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.736	84	115723	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.700	67	38373	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	118917	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloroprop...	8.189	79	18422	4.90	ug/L	0.00
46) 2-Hexanone-d5	8.646	63	86183	47.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.78%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35602	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.202	152	47784	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	49479	5.04	ug/L	100
3) Chloromethane	1.524	50	44539	4.79	ug/L	99
5) Vinyl chloride	1.607	62	45877	4.91	ug/L	98
6) Bromomethane	1.864	94	26381	5.12	ug/L	100
8) Chloroethane	1.938	64	28842	5.17	ug/L	99
9) Trichlorofluoromethane	2.144	101	76175	5.00	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	41582	5.19	ug/L	98
12) 1,1-Dichloroethene	2.588	96	37757	5.08	ug/L	98
13) Acetone	2.649	43	68248	38.34	ug/L	97
14) Carbon disulfide	2.800	76	118813	5.02	ug/L	98
15) Methyl Acetate	2.961	43	19241	4.35	ug/L	94
16) Methylene chloride	3.054	84	40224	4.52	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	103451	4.95	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	39181	5.01	ug/L	96
19) 1,1-Dichloroethane	3.880	63	76260	5.06	ug/L	99
21) 2-Butanone	4.723	43	119748	39.58	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	42304	5.06	ug/L	96
23) Bromochloromethane	4.987	128	20104	5.06	ug/L	96
25) Chloroform	5.099	83	79441	5.01	ug/L	100
27) 1,2-Dichloroethane	5.803	62	58234	4.90	ug/L #	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	71813	5.08	ug/L	96
30) Cyclohexane	5.398	56	70138	4.97	ug/L	100
31) Carbon tetrachloride	5.533	117	63567	5.10	ug/L	100
33) Benzene	5.784	78	161335	5.07	ug/L	100
34) Trichloroethene	6.552	95	44243	5.01	ug/L	98
35) Methylcyclohexane	6.771	83	67635	5.04	ug/L	98
37) 1,2-Dichloropropane	6.800	63	44552	5.19	ug/L #	97
38) Bromodichloromethane	7.115	83	58505	5.22	ug/L	100
39) cis-1,3-Dichloropropene	7.617	75	66097	5.28	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	387333	51.71	ug/L	96
42) Toluene	7.977	91	178735	5.15	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	61641	5.34	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	32751	5.17	ug/L	95
47) Tetrachloroethene	8.562	164	36490	5.07	ug/L	98
48) 2-Hexanone	8.694	43	287946	52.10	ug/L	95
49) Dibromochloromethane	8.819	129	42857	5.41	ug/L	98
50) 1,2-Dibromoethane	8.932	107	33428	5.35	ug/L	97
51) Chlorobenzene	9.456	112	113529	5.12	ug/L	99
52) Ethylbenzene	9.578	91	201705	5.16	ug/L	100
53) m,p-Xylene	9.703	106	74936	5.18	ug/L	99
54) o-Xylene	10.109	106	73345	5.23	ug/L	99
55) Styrene	10.121	104	125323	5.26	ug/L	98
56) Isopropylbenzene	10.491	105	201870	5.24	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.793	83	44743	5.27	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	32172	4.98	ug/L	99
61) Bromoform	10.301	173	26976	5.24	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	98597	5.01	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	98948	5.04	ug/L	97
65) 1,2-Dichlorobenzene	12.221	146	94213	4.97	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.006	75	8120	5.10	ug/L	93
67) 1,3,5-Trichlorobenzene	13.227	180	83292	4.88	ug/L	98
68) 1,2,4-trichlorobenzene	13.851	180	68623	4.86	ug/L	99
69) Naphthalene	14.095	128	109214	4.76	ug/L	99
70) 1,2,3-Trichlorobenzene	14.340	180	62755	4.90	ug/L	99

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

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