

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041167.D
 Acq On : 10 Nov 2020 10:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Nov 11 00:47:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 04:18:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60606	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61190	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24409	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.92	69	18185	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.58	63	46316	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.80%
20) 2-Butanone-d5	4.65	46	81429	48.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	5.08	84	47633	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.72	65	29588	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.74	84	86495	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.70	67	27267	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.90	98	81935	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
43) trans-1,3-Dichloropropene-	8.18	79	12747	5.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.40%
46) 2-Hexanone-d5	8.64	63	61832	49.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24013	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	30680	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	26278	4.749	ug/L	99
3) Chloromethane	1.53	50	24219	4.198	ug/L	96
5) Vinyl chloride	1.61	62	25071	4.405	ug/L	99
6) Bromomethane	1.87	94	12624	3.869	ug/L	99
8) Chloroethane	1.94	64	14690	4.074	ug/L	100
9) Trichlorofluoromethane	2.15	101	39028	5.045	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	21794	4.807	ug/L	97
12) 1,1-Dichloroethene	2.59	96	17823	4.163	ug/L	88
13) Acetone	2.66	43	53174	46.386	ug/L #	61
14) Carbon disulfide	2.81	76	54265	3.793	ug/L	99
15) Methyl Acetate	2.96	43	11337	4.322	ug/L	97
16) Methylene chloride	3.06	84	22551	4.521	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	51957	4.716	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	19871	4.567	ug/L	92
19) 1,1-Dichloroethane	3.89	63	41101	4.725	ug/L	96
21) 2-Butanone	4.73	43	82471	46.031	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	21400	4.769	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.99	128	10507	4.963	ug/L #	90
25) Chloroform	5.11	83	45202	5.182	ug/L	100
27) 1,2-Dichloroethane	5.81	62	32067	4.936	ug/L #	93
29) 1,1,1-Trichloroethane	5.33	97	37375	4.994	ug/L	98
30) Cyclohexane	5.40	56	30492	4.135	ug/L	95
31) Carbon tetrachloride	5.54	117	34245	5.168	ug/L	97
33) Benzene	5.79	78	84586	4.626	ug/L	100
34) Trichloroethene	6.55	95	23129	4.971	ug/L	97
35) Methylcyclohexane	6.77	83	31090	4.480	ug/L	99
37) 1,2-Dichloropropane	6.80	63	23722	4.795	ug/L	98
38) Bromodichloromethane	7.11	83	32359	5.042	ug/L #	99
39) cis-1,3-Dichloropropene	7.61	75	33949	4.984	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	185561	47.042	ug/L	98
42) Toluene	7.97	91	90158	4.863	ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	31523	4.945	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	18191	4.939	ug/L	90
47) Tetrachloroethene	8.56	164	17019	4.974	ug/L	97
48) 2-Hexanone	8.69	43	141238	47.553	ug/L	99
49) Dibromochloromethane	8.81	129	22231	5.198	ug/L	97
50) 1,2-Dibromoethane	8.93	107	16782	4.782	ug/L #	98
51) Chlorobenzene	9.45	112	58461	4.973	ug/L	96
52) Ethylbenzene	9.57	91	96234	4.931	ug/L	100
53) m,p-Xylene	9.69	106	36123	5.075	ug/L	100
54) o-Xylene	10.10	106	34329	5.179	ug/L	99
55) Styrene	10.11	104	61447	5.203	ug/L	99
56) Isopropylbenzene	10.48	105	95167	5.339	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	22244	4.599	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	18157	4.924	ug/L	96
61) Bromoform	10.29	173	12904	5.135	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	48575	5.161	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	49536	5.081	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	47392	5.102	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4291	4.714	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	34961	5.311	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	29829	5.470	ug/L	99
69) Naphthalene	14.08	128	50402	5.169	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	28411	5.653	ug/L	97

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

