

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041192.D
 Acq On : 10 Nov 2020 21:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Nov 11 00:55:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59494	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34999	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22061	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.92	69	20045	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.58	63	42638	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.65	46	78798	47.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.74%
24) Chloroform-d	5.08	84	53071	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.20%
26) 1,2-Dichloroethane-d4	5.72	65	31999	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.80%
32) Benzene-d6	5.74	84	97510	6.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	132.80%#
36) 1,2-Dichloropropane-d6	6.70	67	26640	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.91	98	74391	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
43) trans-1,3-Dichloropropene-	8.19	79	11420	5.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.20%
46) 2-Hexanone-d5	8.64	63	58552	52.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24896	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32782	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	25404	4.677	ug/L	99
3) Chloromethane	1.53	50	23160	4.089	ug/L	98
5) Vinyl chloride	1.61	62	23752	4.251	ug/L	99
6) Bromomethane	1.87	94	14696	4.589	ug/L	94
8) Chloroethane	1.94	64	16535	4.671	ug/L	99
9) Trichlorofluoromethane	2.15	101	40187	5.292	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	19530	4.388	ug/L	95
12) 1,1-Dichloroethene	2.59	96	17706	4.213	ug/L	94
13) Acetone	2.66	43	49740	44.202	ug/L #	66
14) Carbon disulfide	2.81	76	50797	3.617	ug/L	98
15) Methyl Acetate	2.97	43	11014	4.277	ug/L	94
16) Methylene chloride	3.06	84	23953	4.892	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	49420	4.569	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	17765	4.160	ug/L	93
19) 1,1-Dichloroethane	3.89	63	38406	4.498	ug/L	97
21) 2-Butanone	4.73	43	80926	46.013	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	20423	4.636	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	11384	5.478	ug/L	92
25) Chloroform	5.11	83	49946	5.833	ug/L	97
27) 1,2-Dichloroethane	5.81	62	35059	5.497	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	39722	5.915	ug/L	95
30) Cyclohexane	5.40	56	32181	4.864	ug/L	97
31) Carbon tetrachloride	5.54	117	33891	5.700	ug/L	100
33) Benzene	5.79	78	100434	6.122	ug/L	100
34) Trichloroethene	6.55	95	21777	5.216	ug/L	96
35) Methylcyclohexane	6.77	83	28102	4.512	ug/L	97
37) 1,2-Dichloropropane	6.80	63	22246	5.011	ug/L	97
38) Bromodichloromethane	7.11	83	30424	5.284	ug/L #	97
39) cis-1,3-Dichloropropene	7.62	75	30359	4.967	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	177927	50.270	ug/L	99
42) Toluene	7.98	91	86384	5.193	ug/L	97
44) trans-1,3-Dichloropropene	8.22	75	30103	5.263	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	17079	5.168	ug/L	92
47) Tetrachloroethene	8.56	164	15401	5.017	ug/L	96
48) 2-Hexanone	8.69	43	139254	52.252	ug/L	97
49) Dibromochloromethane	8.82	129	21352	5.564	ug/L	97
50) 1,2-Dibromoethane	8.93	107	16975	5.391	ug/L #	90
51) Chlorobenzene	9.45	112	55298	5.242	ug/L	99
52) Ethylbenzene	9.57	91	96172	5.492	ug/L	99
53) m,p-Xylene	9.69	106	33271	5.210	ug/L	98
54) o-Xylene	10.10	106	32537	5.471	ug/L	98
55) Styrene	10.11	104	58000	5.473	ug/L	99
56) Isopropylbenzene	10.48	105	88957	5.562	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	23571	5.431	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	17335	5.240	ug/L	99
61) Bromoform	10.29	173	12083	4.480	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	54962	5.440	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	54376	5.197	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	49795	4.995	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4387	4.490	ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	35521	5.027	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	25353	4.332	ug/L	97
69) Naphthalene	14.08	128	42517	4.062	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	24684	4.576	ug/L	99

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

