

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
 Data File : VU041154.D
 Acq On : 09 Nov 2020 20:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Quant Time: Nov 10 01:15:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64752	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64424	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34040	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27015	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.92	69	21067	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.58	63	51131	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	4.65	46	90407	50.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.94%
24) Chloroform-d	5.08	84	51045	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.72	65	31086	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.74	84	93550	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.70	67	30082	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.91	98	87635	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
43) trans-1,3-Dichloropropene-	8.18	79	12777	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
46) 2-Hexanone-d5	8.64	63	69526	53.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26228	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	32264	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	25802	4.365 ug/L	99
3) Chloromethane	1.53	50	26752	4.340 ug/L	100
5) Vinyl chloride	1.61	62	26245	4.316 ug/L	99
6) Bromomethane	1.87	94	13238	3.798 ug/L	94
8) Chloroethane	1.94	64	15753	4.089 ug/L	99
9) Trichlorofluoromethane	2.15	101	39811	4.816 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	22416	4.627 ug/L	96
12) 1,1-Dichloroethene	2.59	96	20303	4.439 ug/L	91
13) Acetone	2.66	43	51330	41.911 ug/L #	56
14) Carbon disulfide	2.81	76	58660	3.838 ug/L	99
15) Methyl Acetate	2.97	43	13352	4.764 ug/L	94
16) Methylene chloride	3.06	84	23430	4.396 ug/L	92
17) Methyl tert-butyl Ether	3.38	73	57372	4.874 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	20999	4.518 ug/L	99
19) 1,1-Dichloroethane	3.89	63	43642	4.696 ug/L	99
21) 2-Butanone	4.73	43	86453	45.164 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	23484	4.898 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	11739	5.190	ug/L	91
25) Chloroform	5.11	83	46602	5.001	ug/L	98
27) 1,2-Dichloroethane	5.81	62	33795	4.869	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	39075	4.959	ug/L	96
30) Cyclohexane	5.40	56	34358	4.426	ug/L	98
31) Carbon tetrachloride	5.54	117	34553	4.952	ug/L	99
33) Benzene	5.79	78	93262	4.845	ug/L	100
34) Trichloroethene	6.56	95	25380	5.181	ug/L	97
35) Methylcyclohexane	6.77	83	32384	4.432	ug/L	99
37) 1,2-Dichloropropane	6.80	63	25549	4.905	ug/L #	97
38) Bromodichloromethane	7.11	83	34308	5.078	ug/L #	99
39) cis-1,3-Dichloropropene	7.61	75	35062	4.889	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	207395	49.938	ug/L	99
42) Toluene	7.98	91	98350	5.038	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	33477	4.988	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	19002	4.901	ug/L	95
47) Tetrachloroethene	8.56	164	17525	4.865	ug/L	95
48) 2-Hexanone	8.69	43	156917	50.180	ug/L	98
49) Dibromochloromethane	8.81	129	23571	5.235	ug/L	97
50) 1,2-Dibromoethane	8.93	107	18237	4.936	ug/L	97
51) Chlorobenzene	9.45	112	62923	5.084	ug/L	97
52) Ethylbenzene	9.57	91	102335	4.981	ug/L	98
53) m,p-Xylene	9.69	106	39121	5.221	ug/L	96
54) o-Xylene	10.10	106	37635	5.393	ug/L	99
55) Styrene	10.11	104	65404	5.260	ug/L	100
56) Isopropylbenzene	10.48	105	101273	5.397	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	24751	4.860	ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	19388	4.994	ug/L	99
61) Bromoform	10.29	173	13601	5.185	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	51768	5.269	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	51928	5.103	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	48613	5.014	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4762	5.011	ug/L #	83
67) 1,3,5-Trichlorobenzene	13.21	180	35912	5.226	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	30432	5.346	ug/L	99
69) Naphthalene	14.08	128	51130	5.023	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	28520	5.436	ug/L	98

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

