

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038937.D
 Acq On : 17 Jun 2020 11:28
 Operator : SY/MD
 Sample : VSTD00105
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00105

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 6:59:08 PM

Quant Time: Jun 17 12:25:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 12:20:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	269239	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	270804	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	138614	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	19850	1.48	ug/L	0.00
7) Chloroethane-d5	1.93	69	16809	1.28	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	39484	1.21	ug/L	0.00
20) 2-Butanone-d5	4.69	46	59227	12.20	ug/L	0.00
24) Chloroform-d	5.10	84	37335	1.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	23273	1.25	ug/L	0.00
32) Benzene-d6	5.76	84	69300	1.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	22322	1.19	ug/L	0.00
41) Toluene-d8	7.92	98	62088	1.11	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	10105	1.22	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	45035	11.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	20172	1.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	25073	1.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	27288	1.041 ug/L	97
3) Chloromethane	1.53	50	29029	1.328 ug/L	97
5) Vinyl chloride	1.62	62	27468	1.191 ug/L	97
6) Bromomethane	1.87	94	15221	1.075 ug/L	93
8) Chloroethane	1.95	64	17648	1.029 ug/L	100
9) Trichlorofluoromethane	2.16	101	40068	1.000 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	21700	1.092 ug/L	97
12) 1,1-Dichloroethene	2.61	96	20147	1.059 ug/L	96
13) Acetone	2.71	43	43566m	10.965 ug/L	
14) Carbon disulfide	2.82	76	69119	1.094 ug/L	98
15) Methyl Acetate	2.99	43	11287	1.164 ug/L #	88
16) Methylene chloride	3.08	84	24457	1.118 ug/L	93
17) Methyl tert-butyl Ether	3.40	73	50899	1.048 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	21608	1.072 ug/L	92
19) 1,1-Dichloroethane	3.91	63	37922	1.026 ug/L	100
21) 2-Butanone	4.76	43	68814	10.654 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	20884	0.991 ug/L	95
23) Bromochloromethane	5.02	128	10286	1.031 ug/L	95
25) Chloroform	5.12	83	39239	1.019 ug/L	95
27) 1,2-Dichloroethane	5.83	62	28665	1.049 ug/L	95
29) 1,1,1-Trichloroethane	5.35	97	35055	1.045 ug/L	93
30) Cyclohexane	5.42	56	31816	1.053 ug/L	98
31) Carbon tetrachloride	5.56	117	31243	1.094 ug/L	97
33) Benzene	5.81	78	81646	1.015 ug/L	100
34) Trichloroethene	6.57	95	21097	1.004 ug/L	98
35) Methylcyclohexane	6.79	83	32232	1.030 ug/L	98
37) 1,2-Dichloropropane	6.82	63	22087	1.064 ug/L	99
38) Bromodichloromethane	7.13	83	27726	1.016 ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	29579	0.996 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	140730	9.940 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	83359	0.983	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	27974	1.030	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	15900	1.002	ug/L	98
47) Tetrachloroethene	8.57	164	16462	1.023	ug/L	96
48) 2-Hexanone	8.71	43	106103	9.454	ug/L	98
49) Dibromochloromethane	8.83	129	19052	1.035	ug/L	97
50) 1,2-Dibromoethane	8.95	107	15471	1.006	ug/L	97
51) Chlorobenzene	9.47	112	56151	1.018	ug/L	99
52) Ethylbenzene	9.59	91	87798	0.931	ug/L	100
53) m,p-Xylene	9.71	106	32980	0.930	ug/L	100
54) o-Xylene	10.11	106	31748	0.931	ug/L	100
55) Styrene	10.13	104	53633	0.905	ug/L	98
56) Isopropylbenzene	10.50	105	85235	0.962	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	21540	1.059	ug/L #	99
59) 1,2,3-Trichloropropane	10.84	75	15959	0.998	ug/L	99
61) Bromoform	10.31	173	10888	1.031	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	44600	1.021	ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	46763	1.056	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	42278	0.974	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	3842	0.999	ug/L	88
67) 1,3,5-Trichlorobenzene	13.24	180	37107	1.127	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	35754	1.296	ug/L	99
69) Naphthalene	14.11	128	62893	1.213	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	30514	1.182	ug/L	99

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

