

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037525.D
 Acq On : 01 Apr 2020 15:03
 Operator : JC/MD
 Sample : VSTD01001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

Quant Time: Apr 01 15:20:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 15:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	88418	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	83198	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	69011	10.55	ug/L	0.00
7) Chloroethane-d5	1.93	69	53110	9.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	125810	9.92	ug/L	0.00
20) 2-Butanone-d5	4.67	46	191567	96.31	ug/L	0.00
24) Chloroform-d	5.10	84	121282	9.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	64578	9.34	ug/L	0.00
32) Benzene-d6	5.76	84	242185	9.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	80919	10.13	ug/L	0.00
41) Toluene-d8	7.93	98	224499	10.03	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	36381	10.12	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	173984	104.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	64796	9.81	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	78468	10.11	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	64148	9.481	ug/L 99
3) Chloromethane	1.53	50	68841	10.117	ug/L 98
5) Vinyl chloride	1.62	62	70015	9.611	ug/L 98
6) Bromomethane	1.87	94	30948	8.410	ug/L 90
8) Chloroethane	1.95	64	40481	9.811	ug/L 97
9) Trichlorofluoromethane	2.16	101	99941	9.843	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	57856	9.747	ug/L 98
12) 1,1-Dichloroethene	2.60	96	56658	9.544	ug/L 98
13) Acetone	2.66	43	101377	90.453	ug/L 99
14) Carbon disulfide	2.82	76	183791	9.335	ug/L 96
15) Methyl Acetate	2.98	43	27172	8.771	ug/L 95
16) Methylene chloride	3.08	84	62705	9.396	ug/L 92
17) Methyl tert-butyl Ether	3.40	73	156482	9.552	ug/L 98
18) trans-1,2-Dichloroethene	3.38	96	59502	9.560	ug/L 96
19) 1,1-Dichloroethane	3.91	63	113145	9.639	ug/L 95
21) 2-Butanone	4.75	43	184191	92.917	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	67134	9.699	ug/L 99
23) Bromochloromethane	5.02	128	27317	9.555	ug/L 95
25) Chloroform	5.13	83	112912	9.463	ug/L 98
27) 1,2-Dichloroethane	5.83	62	74739	9.317	ug/L 98
29) 1,1,1-Trichloroethane	5.36	97	100992	9.561	ug/L 98
30) Cyclohexane	5.43	56	108658	9.525	ug/L 99
31) Carbon tetrachloride	5.56	117	84310	9.644	ug/L 100
33) Benzene	5.81	78	249169	9.588	ug/L 100
34) Trichloroethene	6.57	95	66202	9.645	ug/L 98
35) Methylcyclohexane	6.79	83	111084	9.768	ug/L 99
37) 1,2-Dichloropropane	6.82	63	66290	9.582	ug/L 99
38) Bromodichloromethane	7.13	83	85846	9.531	ug/L 100
39) cis-1,3-Dichloropropene	7.64	75	106471	10.016	ug/L 98
40) 4-Methyl-2-pentanone	7.82	43	469212	92.542	ug/L 99

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

42) Toluene	8.00	91	270691	9.875	ug/L	96
44) trans-1,3-Dichloropropene	8.23	75	93790	9.882	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	47889	9.783	ug/L	96
47) Tetrachloroethene	8.57	164	44678	9.792	ug/L	96
48) 2-Hexanone	8.71	43	340007	92.905	ug/L	98
49) Dibromochloromethane	8.83	129	57695	9.691	ug/L	98
50) 1,2-Dibromoethane	8.95	107	46529	9.602	ug/L	96
51) Chlorobenzene	9.47	112	165551	9.728	ug/L	99
52) Ethylbenzene	9.59	91	308347	9.714	ug/L	100
53) m,p-Xylene	9.71	106	114520	9.702	ug/L	100
54) o-Xylene	10.12	106	109934	9.802	ug/L	98
55) Styrene	10.13	104	193352	9.903	ug/L	98
56) Isopropylbenzene	10.50	105	303856	10.026	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	65182	9.851	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	44157	9.372	ug/L	99
61) Bromoform	10.31	173	32419	9.565	ug/L	94
62) 1,3-Dichlorobenzene	11.76	146	131645	9.780	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	131541	9.719	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	122573	9.781	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	11786	9.120	ug/L	86
67) 1,3,5-Trichlorobenzene	13.24	180	96273	10.280	ug/L	96
68) 1,2,4-trichlorobenzene	13.87	180	90111	9.949	ug/L	98
69) Naphthalene	14.11	128	197870	9.671	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	80383	10.142	ug/L	98

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

