

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037693.D
 Acq On : 14 Apr 2020 11:13
 Operator : JC/MD
 Sample : VSTD0.505
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.505

Quant Time: Apr 14 14:03:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 14 13:56:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	423848	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	405630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	201564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	14557	0.41	ug/L	0.00
7) Chloroethane-d5	1.93	69	12754	0.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	27463	0.44	ug/L	0.00
20) 2-Butanone-d5	4.68	46	40500	4.22	ug/L	0.00
24) Chloroform-d	5.11	84	23381	0.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	14103	0.43	ug/L	0.00
32) Benzene-d6	5.76	84	50731	0.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	15922	0.39	ug/L	0.00
41) Toluene-d8	7.93	98	45355	0.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	7721	0.43	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	35954	4.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	12787	0.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	16698	0.41	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	18623	0.551 ug/L	99
3) Chloromethane	1.53	50	23991	0.662 ug/L	100
5) Vinyl chloride	1.62	62	22724	0.625 ug/L	99
6) Bromomethane	1.87	94	14110	0.784 ug/L	98
8) Chloroethane	1.95	64	13101	0.585 ug/L	98
9) Trichlorofluoromethane	2.16	101	24349	0.482 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	13644	0.473 ug/L	93
12) 1,1-Dichloroethene	2.61	96	15216	0.540 ug/L	86
13) Acetone	2.67	43	31953	5.770 ug/L	98
14) Carbon disulfide	2.82	76	55638	0.586 ug/L	97
15) Methyl Acetate	2.98	43	8533	0.520 ug/L	95
16) Methylene chloride	3.08	84	17130	0.519 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	42200	0.527 ug/L	97
18) trans-1,2-Dichloroethene	3.39	96	16139	0.525 ug/L	98
19) 1,1-Dichloroethane	3.91	63	30669	0.528 ug/L	99
21) 2-Butanone	4.76	43	54458	5.553 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	17188	0.514 ug/L	93
23) Bromochloromethane	5.02	128	7194	0.495 ug/L	94
25) Chloroform	5.13	83	29749	0.505 ug/L	97
27) 1,2-Dichloroethane	5.83	62	20145	0.529 ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	25013	0.483 ug/L	98
30) Cyclohexane	5.42	56	30494	0.524 ug/L	100
31) Carbon tetrachloride	5.56	117	19885	0.476 ug/L	96
33) Benzene	5.81	78	67105	0.516 ug/L	100
34) Trichloroethene	6.57	95	16436	0.483 ug/L	97
35) Methylcyclohexane	6.79	83	28829	0.502 ug/L	98
37) 1,2-Dichloropropane	6.82	63	17555	0.503 ug/L	98
38) Bromodichloromethane	7.13	83	21026	0.475 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	27879	0.516 ug/L	96
40) 4-Methyl-2-pentanone	7.82	43	131840	5.337 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	69967	0.507	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	24291	0.517	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	11968	0.493	ug/L	99
47) Tetrachloroethene	8.57	164	12196	0.544	ug/L	94
48) 2-Hexanone	8.71	43	95032	5.327	ug/L	99
49) Dibromochloromethane	8.84	129	14018	0.488	ug/L	95
50) 1,2-Dibromoethane	8.95	107	11843	0.502	ug/L	100
51) Chlorobenzene	9.47	112	42923	0.505	ug/L	95
52) Ethylbenzene	9.59	91	77219	0.493	ug/L	98
53) m,p-Xylene	9.71	106	29419	0.499	ug/L	97
54) o-Xylene	10.12	106	29050	0.512	ug/L	96
55) Styrene	10.13	104	48064	0.490	ug/L	97
56) Isopropylbenzene	10.50	105	74752	0.483	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	15611	0.479	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	11496	0.503	ug/L	97
61) Bromoform	10.31	173	7970	0.482	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	34255	0.511	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	34501	0.506	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	32933	0.513	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	3177	0.518	ug/L	98
67) 1,3,5-Trichlorobenzene	13.25	180	24172	0.494	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	22338	0.493	ug/L	98
69) Naphthalene	14.12	128	45468	0.459	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	19186	0.475	ug/L	99

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

