

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037410.D
 Acq On : 28 Mar 2020 10:26
 Operator : JC/MD
 Sample : VSTD0.502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.502

Manual Integrations
 APPROVED

MMDadoda
 3/31/2020 2:36:12 PM

Quant Time: Mar 28 12:35:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 28 11:41:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	125208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	63832	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	5318	0.64	ug/L	0.00
7) Chloroethane-d5	1.93	69	4286m	0.63	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	9407	0.58	ug/L	0.00
20) 2-Butanone-d5	4.68	46	13469	6.84	ug/L	0.00
24) Chloroform-d	5.10	84	10098	0.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	5774	0.59	ug/L	0.00
32) Benzene-d6	5.76	84	19306	0.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	6654	0.73	ug/L	0.00
41) Toluene-d8	7.92	98	18473	0.64	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	3213	0.77	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	11510	7.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	5958	0.78	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	7237	0.62	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	5575	0.401 ug/L	91
3) Chloromethane	1.53	50	4971	0.355 ug/L	96
5) Vinyl chloride	1.62	62	5029	0.405 ug/L	100
6) Bromomethane	1.87	94	3288	0.661 ug/L	98
8) Chloroethane	1.95	64	3388	0.493 ug/L	82
9) Trichlorofluoromethane	2.16	101	6628	0.352 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4167	0.477 ug/L	94
12) 1,1-Dichloroethene	2.60	96	4456	0.551 ug/L	93
13) Acetone	2.68	43	8222	5.946 ug/L	71
14) Carbon disulfide	2.82	76	14919	0.535 ug/L	96
15) Methyl Acetate	2.98	43	2769	0.759 ug/L #	76
16) Methylene chloride	3.08	84	5461	0.611 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	11752	0.549 ug/L #	91
18) trans-1,2-Dichloroethene	3.39	96	4140	0.481 ug/L	94
19) 1,1-Dichloroethane	3.91	63	8518	0.516 ug/L	97
21) 2-Butanone	4.76	43	12466	5.323 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	5101	0.544 ug/L #	83
23) Bromochloromethane	5.02	128	2401	0.557 ug/L #	85
25) Chloroform	5.13	83	9709	0.528 ug/L	87
27) 1,2-Dichloroethane	5.83	62	6206	0.496 ug/L #	92
29) 1,1,1-Trichloroethane	5.36	97	7731	0.484 ug/L	92
30) Cyclohexane	5.42	56	8119	0.598 ug/L #	94
31) Carbon tetrachloride	5.56	117	6768	0.489 ug/L	96
33) Benzene	5.81	78	18392	0.539 ug/L	100
34) Trichloroethene	6.57	95	5803	0.618 ug/L	93
35) Methylcyclohexane	6.79	83	9108	0.655 ug/L	92
37) 1,2-Dichloropropane	6.83	63	4821	0.539 ug/L	100
38) Bromodichloromethane	7.13	83	6464	0.527 ug/L	93
39) cis-1,3-Dichloropropene	7.63	75	7604	0.574 ug/L	87
40) 4-Methyl-2-pentanone	7.82	43	32973	5.878 ug/L	99

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42) Toluene	8.00	91	20073	0.543	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	6985	0.577	ug/L #	80
45) 1,1,2-Trichloroethane	8.43	97	3965	0.616	ug/L	88
47) Tetrachloroethene	8.58	164	3436	0.453	ug/L	87
48) 2-Hexanone	8.71	43	23708	5.932	ug/L	97
49) Dibromochloromethane	8.84	129	4330	0.515	ug/L	97
50) 1,2-Dibromoethane	8.95	107	3566	0.565	ug/L #	88
51) Chlorobenzene	9.47	112	16690	0.697	ug/L	98
52) Ethylbenzene	9.59	91	23385	0.567	ug/L	98
53) m,p-Xylene	9.71	106	8583	0.570	ug/L	95
54) o-Xylene	10.12	106	8437	0.574	ug/L	92
55) Styrene	10.13	104	14594	0.596	ug/L	97
56) Isopropylbenzene	10.50	105	22409	0.553	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.80	83	4583	0.567	ug/L	84
59) 1,2,3-Trichloropropane	10.84	75	3585	0.598	ug/L	98
61) Bromoform	10.31	173	2696	0.503	ug/L #	88
62) 1,3-Dichlorobenzene	11.76	146	10991	0.541	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	13188	0.643	ug/L	94
65) 1,2-Dichlorobenzene	12.23	146	11059	0.567	ug/L	94
66) 1,2-Dibromo-3-chloropropan	13.02	75	783	0.522	ug/L #	90
67) 1,3,5-Trichlorobenzene	13.24	180	8619	0.573	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	8592	0.780	ug/L	97
69) Naphthalene	14.12	128	15983	1.057	ug/L	97
70) 1,2,3-Trichlorobenzene	14.37	180	7535	0.723	ug/L	90

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

