

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040120\
 Data File : VU037522.D
 Acq On : 01 Apr 2020 13:49
 Operator : JC/MD
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.504

Manual Integrations
 APPROVED

apatel
 4/2/2020 4:28:28 PM

Quant Time: Apr 01 15:10:55 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	98656	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	92521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46071	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	4659	0.64	ug/L	0.00
7) Chloroethane-d5	1.93	69	3763	0.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	8191	0.58	ug/L	0.00
20) 2-Butanone-d5	4.68	46	12374	5.58	ug/L	0.00
24) Chloroform-d	5.10	84	7696	0.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	4590	0.59	ug/L	0.00
32) Benzene-d6	5.76	84	15878	0.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	5092	0.57	ug/L	0.00
41) Toluene-d8	7.92	98	14423	0.58	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	2260	0.57	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	11032	5.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	4035	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	5776	0.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	4401	0.583 ug/L	96
3) Chloromethane	1.53	50	4410	0.581 ug/L	98
5) Vinyl chloride	1.62	62	4251	0.523 ug/L	97
6) Bromomethane	1.88	94	2054	0.500 ug/L	84
8) Chloroethane	1.95	64	2929	0.636 ug/L	92
9) Trichlorofluoromethane	2.16	101	6832	0.603 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4062	0.613 ug/L	97
12) 1,1-Dichloroethene	2.60	96	3693	0.558 ug/L	88
13) Acetone	2.68	43	8344	6.672 ug/L	93
14) Carbon disulfide	2.82	76	12025	0.547 ug/L	96
15) Methyl Acetate	2.99	43	2678	0.775 ug/L #	78
16) Methylene chloride	3.08	84	4449	0.597 ug/L	92
17) Methyl tert-butyl Ether	3.41	73	10374	0.568 ug/L	93
18) trans-1,2-Dichloroethene	3.39	96	4058	0.584 ug/L	97
19) 1,1-Dichloroethane	3.91	63	7649	0.584 ug/L	97
21) 2-Butanone	4.76	43	13722	6.204 ug/L	98
22) cis-1,2-Dichloroethene	4.70	96	4173	0.540 ug/L	96
23) Bromochloromethane	5.02	128	2044m	0.641 ug/L	
25) Chloroform	5.12	83	7842	0.589 ug/L	100
27) 1,2-Dichloroethane	5.83	62	4962	0.554 ug/L #	95
29) 1,1,1-Trichloroethane	5.36	97	6856	0.584 ug/L	98
30) Cyclohexane	5.42	56	7636	0.602 ug/L	96
31) Carbon tetrachloride	5.56	117	5144	0.529 ug/L	92
33) Benzene	5.81	78	16656	0.576 ug/L	100
34) Trichloroethene	6.58	95	4485	0.588 ug/L	93
35) Methylcyclohexane	6.79	83	7375	0.583 ug/L	97
37) 1,2-Dichloropropane	6.82	63	4537	0.590 ug/L #	97
38) Bromodichloromethane	7.14	83	5616	0.561 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	6783	0.574 ug/L	92
40) 4-Methyl-2-pentanone	7.82	43	31151	5.525 ug/L	95

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42) Toluene	8.00	91	17142	0.562	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	5822	0.552	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	3129	0.575	ug/L	94
47) Tetrachloroethene	8.57	164	2700	0.532	ug/L	90
48) 2-Hexanone	8.71	43	22592	5.551	ug/L	98
49) Dibromochloromethane	8.84	129	3479	0.525	ug/L	89
50) 1,2-Dibromoethane	8.95	107	2867	0.532	ug/L #	80
51) Chlorobenzene	9.47	112	10607	0.560	ug/L	98
52) Ethylbenzene	9.59	91	19711	0.558	ug/L	99
53) m,p-Xylene	9.71	106	7644	0.582	ug/L	89
54) o-Xylene	10.12	106	7008	0.562	ug/L	89
55) Styrene	10.13	104	12014	0.553	ug/L	92
56) Isopropylbenzene	10.50	105	19840	0.589	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.80	83	4205	0.571	ug/L #	97
59) 1,2,3-Trichloropropane	10.84	75	2881m	0.550	ug/L	
61) Bromoform	10.31	173	2118	0.546	ug/L #	92
62) 1,3-Dichlorobenzene	11.76	146	8490	0.551	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	8716	0.563	ug/L	94
65) 1,2-Dichlorobenzene	12.23	146	8681	0.606	ug/L	94
66) 1,2-Dibromo-3-chloropropan	13.02	75	731	0.494	ug/L #	83
67) 1,3,5-Trichlorobenzene	13.25	180	6182	0.577	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	5117	0.494	ug/L	93
69) Naphthalene	14.12	128	12654	0.541	ug/L	97
70) 1,2,3-Trichlorobenzene	14.37	180	4945	0.545	ug/L	98

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

