

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037412.D
 Acq On : 28 Mar 2020 11:15
 Operator : JC/MD
 Sample : VSTD00504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00504

Quant Time: Mar 28 12:31:22 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	123107	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	120863	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	61589	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	41516	5.10	ug/L	0.00
7) Chloroethane-d5	1.93	69	33439	4.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	85930	5.37	ug/L	0.00
20) 2-Butanone-d5	4.68	46	122196	63.07	ug/L	0.00
24) Chloroform-d	5.11	84	85093	5.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	46048	4.77	ug/L	0.00
32) Benzene-d6	5.76	84	161300	5.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	52327	5.66	ug/L	0.00
41) Toluene-d8	7.92	98	152328	5.23	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	24069	5.71	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	102307	64.89	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	43485	5.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	56121	4.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	48651	3.561 ug/L	100
3) Chloromethane	1.53	50	43310	3.144 ug/L	100
5) Vinyl chloride	1.62	62	47589	3.902 ug/L	100
6) Bromomethane	1.87	94	26808	5.479 ug/L	100
8) Chloroethane	1.95	64	25009	3.699 ug/L	100
9) Trichlorofluoromethane	2.16	101	63008	3.400 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	37355	4.348 ug/L	100
12) 1,1-Dichloroethene	2.60	96	38407	4.826 ug/L	100
13) Acetone	2.68	43	66243	48.719 ug/L	100
14) Carbon disulfide	2.82	76	133572	4.867 ug/L	100
15) Methyl Acetate	2.99	43	18003	5.016 ug/L	100
16) Methylene chloride	3.08	84	42092	4.790 ug/L	100
17) Methyl tert-butyl Ether	3.40	73	109124	5.187 ug/L	100
18) trans-1,2-Dichloroethene	3.38	96	43053	5.092 ug/L	100
19) 1,1-Dichloroethane	3.91	63	76387	4.702 ug/L	100
21) 2-Butanone	4.76	43	119652	51.959 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	45107	4.893 ug/L	100
23) Bromochloromethane	5.02	128	19928	4.705 ug/L	100
25) Chloroform	5.13	83	78911	4.367 ug/L	100
27) 1,2-Dichloroethane	5.83	62	53558	4.353 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	73302	4.538 ug/L	100
30) Cyclohexane	5.42	56	71077	5.179 ug/L	100
31) Carbon tetrachloride	5.56	117	61995	4.426 ug/L	100
33) Benzene	5.81	78	169673	4.912 ug/L	100
34) Trichloroethene	6.57	95	46002	4.845 ug/L	100
35) Methylcyclohexane	6.79	83	72711	5.169 ug/L	100
37) 1,2-Dichloropropane	6.82	63	45435	5.021 ug/L	100
38) Bromodichloromethane	7.13	83	59730	4.811 ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	72330	5.395 ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	295186	52.026 ug/L	100

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42) Toluene	8.00	91	184140	4.927	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	64917	5.298	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	31886	4.901	ug/L	100
47) Tetrachloroethene	8.57	164	33812	4.403	ug/L	100
48) 2-Hexanone	8.71	43	215599	53.329	ug/L	100
49) Dibromochloromethane	8.83	129	40761	4.789	ug/L	100
50) 1,2-Dibromoethane	8.95	107	31595	4.946	ug/L	100
51) Chlorobenzene	9.47	112	118535	4.894	ug/L	100
52) Ethylbenzene	9.59	91	209858	5.030	ug/L	100
53) m,p-Xylene	9.71	106	80150	5.265	ug/L	100
54) o-Xylene	10.12	106	76134	5.120	ug/L	100
55) Styrene	10.13	104	132823	5.359	ug/L	100
56) Isopropylbenzene	10.50	105	207947	5.069	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	43466	5.315	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	29923	4.932	ug/L	100
61) Bromoform	10.31	173	24565	4.751	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	94906	4.844	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	97376	4.918	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	89779	4.770	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	8710	6.018	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	73143	5.042	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	70181	6.603	ug/L	100
69) Naphthalene	14.11	128	136449	9.353	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	62250	6.195	ug/L	100

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

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