

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091619\
 Data File : VV012827.D
 Acq On : 16 Sep 2019 09:58
 Operator : SY/MD
 Sample : VSTD00535
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00535

Quant Time: Sep 16 16:39:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 16 16:35:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	421870	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	418749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	206844	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	142400	4.84	ug/L	0.00
7) Chloroethane-d5	1.58	69	110205	4.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	238321	5.01	ug/L	0.00
20) 2-Butanone-d5	3.97	46	201233	30.99	ug/L	0.00
24) Chloroform-d	4.40	84	220983	4.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	101868	4.15	ug/L	0.00
32) Benzene-d6	5.09	84	451348	4.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	133471	4.24	ug/L	0.00
41) Toluene-d8	7.36	98	428758	4.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	44395	4.13	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	129273	33.06	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	75780	3.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	133118	3.84	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	156617	4.389	ug/L 100
3) Chloromethane	1.25	50	145759	4.070	ug/L 100
5) Vinyl chloride	1.32	62	167953	4.517	ug/L 100
6) Bromomethane	1.53	94	84711	4.215	ug/L 100
8) Chloroethane	1.60	64	89356	4.142	ug/L 100
9) Trichlorofluoromethane	1.77	101	206880	4.459	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	123797	4.462	ug/L 100
12) 1,1-Dichloroethene	2.14	96	111032	4.231	ug/L 100
13) Acetone	2.23	43	169965	41.861	ug/L 100
14) Carbon disulfide	2.31	76	241505	3.548	ug/L 100
15) Methyl Acetate	2.47	43	46780	4.274	ug/L 100
16) Methylene chloride	2.53	84	126077	3.899	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	293119	4.661	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	119732	4.098	ug/L 100
19) 1,1-Dichloroethane	3.23	63	250624	4.474	ug/L 100
21) 2-Butanone	4.05	43	299324	43.220	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	133778	4.184	ug/L 100
23) Bromochloromethane	4.30	128	58568	4.275	ug/L 100
25) Chloroform	4.42	83	266923	4.313	ug/L 100
27) 1,2-Dichloroethane	5.18	62	146495	4.524	ug/L 100
29) 1,1,1-Trichloroethane	4.65	97	205843	4.427	ug/L 100
30) Cyclohexane	4.72	56	179228	3.968	ug/L 100
31) Carbon tetrachloride	4.87	117	175761	4.318	ug/L 100
33) Benzene	5.14	78	531061	4.349	ug/L 100
34) Trichloroethene	5.96	95	144587	4.259	ug/L 100
35) Methylcyclohexane	6.17	83	184265	3.924	ug/L 100
37) 1,2-Dichloropropane	6.22	63	139982	4.551	ug/L 100
38) Bromodichloromethane	6.55	83	178013	4.453	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	173359	4.327	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	812916	47.313	ug/L 100

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42) Toluene	7.43	91	566811	4.467	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	138537	4.537	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	98360	4.573	ug/L	100
47) Tetrachloroethene	8.02	164	108132	4.102	ug/L	100
48) 2-Hexanone	8.19	43	631124	50.868	ug/L	100
49) Dibromochloromethane	8.29	129	115166	4.506	ug/L	100
50) 1,2-Dibromoethane	8.40	107	82903	4.384	ug/L	100
51) Chlorobenzene	8.92	112	375884	4.465	ug/L	100
52) Ethylbenzene	9.05	91	591417	4.335	ug/L	100
53) m,p-xylene	9.18	106	223713	4.351	ug/L	100
54) o-xylene	9.59	106	218435	4.418	ug/L	100
55) Styrene	9.60	104	388756	4.707	ug/L	100
56) Isopropylbenzene	9.97	105	589812	4.491	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	92522	4.359	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	83126	4.556	ug/L	100
61) Bromoform	9.77	173	59476	4.256	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	296357	4.564	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	294894	4.492	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	279705	4.552	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	12466	3.976	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	217540	4.426	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	164777	4.250	ug/L	100
69) Naphthalene	13.55	128	227886	3.935	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	164353	4.478	ug/L	100

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

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