

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111319\
 Data File : VV013598.D
 Acq On : 13 Nov 2019 09:38
 Operator : SY/MD
 Sample : VSTD0.536
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.536

Manual Integrations
 APPROVED

MMDadoda
 11/14/2019 11:14:49 AM

Quant Time: Nov 14 05:00:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 14 04:50:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	527562	5.00	ug/L	-0.02
28) Chlorobenzene-d5	8.91	117	448424	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	219696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.35	65	16262	0.66	ug/L	0.00
7) Chloroethane-d5	1.61	69	12069	0.57	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.16	63	29241	0.63	ug/L	0.00
20) 2-Butanone-d5	4.05	46	26891m	3.57	ug/L	0.00
24) Chloroform-d	4.43	84	27723	0.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.10	65	12581	0.43	ug/L	0.00
32) Benzene-d6	5.10	84	51872	0.56	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.15	67	18200	0.58	ug/L	-0.02
41) Toluene-d8	7.39	98	46299	0.55	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.69	79	6903	0.58	ug/L	0.00
46) 2-Hexanone-d5	8.16	63	21428	4.42	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	12720	0.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	20148	0.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.17	85	27605	0.547 ug/L	100
3) Chloromethane	1.29	50	24991	0.549 ug/L	98
5) Vinyl chloride	1.36	62	24592	0.566 ug/L	99
6) Bromomethane	1.57	94	12403	0.531 ug/L	93
8) Chloroethane	1.63	64	12510	0.520 ug/L	97
9) Trichlorofluoromethane	1.80	101	32723	0.560 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.17	101	18629	0.565 ug/L	97
12) 1,1-Dichloroethene	2.17	96	16921	0.544 ug/L	94
13) Acetone	2.28	43	20759	4.528 ug/L	94
14) Carbon disulfide	2.35	76	50155	0.539 ug/L	98
15) Methyl Acetate	2.52	43	5972	0.451 ug/L	98
16) Methylene chloride	2.57	84	20939	0.532 ug/L	99
17) Methyl tert-butyl Ether	2.85	73	39791	0.493 ug/L	96
18) trans-1,2-Dichloroethene	2.82	96	18431	0.488 ug/L	96
19) 1,1-Dichloroethane	3.26	63	33384	0.481 ug/L	98
21) 2-Butanone	4.12	43	37615m	4.557 ug/L	
22) cis-1,2-Dichloroethene	3.99	96	19353	0.493 ug/L #	98
23) Bromochloromethane	4.33	128	9268	0.512 ug/L	93
25) Chloroform	4.45	83	51794	0.674 ug/L	94
27) 1,2-Dichloroethane	5.20	62	21708	0.511 ug/L #	94
29) 1,1,1-Trichloroethane	4.67	97	29635	0.560 ug/L	96
30) Cyclohexane	4.73	56	29205	0.552 ug/L	99
31) Carbon tetrachloride	4.88	117	25721	0.540 ug/L	98
33) Benzene	5.15	78	69189	0.506 ug/L	100
34) Trichloroethene	5.98	95	22244	0.607 ug/L	94
35) Methylcyclohexane	6.20	83	28054	0.509 ug/L	98
37) 1,2-Dichloropropane	6.26	63	18394	0.549 ug/L #	95
38) Bromodichloromethane	6.60	83	28426	0.655 ug/L	97
39) cis-1,3-Dichloropropene	7.11	75	25513	0.551 ug/L	98
40) 4-Methyl-2-pentanone	7.31	43	92918	4.891 ug/L	97

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42) Toluene	7.46	91	72084	0.507	ug/L	99
44) trans-1,3-Dichloropropene	7.72	75	16974	0.462	ug/L	95
45) 1,1,2-Trichloroethane	7.90	97	13899	0.602	ug/L	95
47) Tetrachloroethene	8.04	164	19154	0.594	ug/L	95
48) 2-Hexanone	8.21	43	60853	4.469	ug/L	91
49) Dibromochloromethane	8.31	129	17558	0.609	ug/L	96
50) 1,2-Dibromoethane	8.41	107	11919	0.553	ug/L	99
51) Chlorobenzene	8.94	112	51577	0.549	ug/L	100
52) Ethylbenzene	9.06	91	74278	0.491	ug/L	97
53) m,p-xylene	9.19	106	27269	0.481	ug/L	87
54) o-xylene	9.59	106	25095	0.464	ug/L	94
55) Styrene	9.61	104	41978	0.454	ug/L	96
56) Isopropylbenzene	9.98	105	66145	0.453	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	14785	0.595	ug/L #	97
59) 1,2,3-Trichloropropane	10.32	75	11468	0.576	ug/L	89
61) Bromoform	9.78	173	9761	0.626	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	40814	0.564	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	42889	0.590	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	37492	0.563	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	2390	0.686	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	33136	0.583	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	27112	0.606	ug/L	92
69) Naphthalene	13.55	128	28760	0.481	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	22345	0.528	ug/L	96

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

