

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022820\
 Data File : VV014710.D
 Acq On : 28 Feb 2020 15:46
 Operator : SY/MD
 Sample : VSTD0.532
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.532

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 11:48:30 AM

Quant Time: Feb 28 22:46:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 28 22:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	271280	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	256091	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	129154	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9521	0.56	ug/L	0.00
7) Chloroethane-d5	1.58	69	8151	0.67	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	16781	0.65	ug/L	0.00
20) 2-Butanone-d5	4.01	46	17119m	4.92	ug/L	0.04
24) Chloroform-d	4.40	84	17494	0.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	8520	0.54	ug/L	0.00
32) Benzene-d6	5.10	84	33050	0.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	11172	0.50	ug/L	0.00
41) Toluene-d8	7.36	98	31362	0.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3822	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	14937	4.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	8085	0.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	11564	0.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	14872	0.634	ug/L 100
3) Chloromethane	1.25	50	13673	0.715	ug/L 99
5) Vinyl chloride	1.32	62	12091	0.646	ug/L 95
6) Bromomethane	1.53	94	6947	0.932	ug/L 99
8) Chloroethane	1.60	64	7646	0.797	ug/L 100
9) Trichlorofluoromethane	1.77	101	17226	0.703	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	8936	0.674	ug/L 98
12) 1,1-Dichloroethene	2.14	96	8153	0.662	ug/L 92
13) Acetone	2.24	43	14861	6.611	ug/L 89
14) Carbon disulfide	2.32	76	29657	0.528	ug/L 98
15) Methyl Acetate	2.48	43	2695m	0.490	ug/L
16) Methylene chloride	2.53	84	12384	0.574	ug/L 99
17) Methyl tert-butyl Ether	2.80	73	22259	0.538	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	10208	0.528	ug/L 93
19) 1,1-Dichloroethane	3.23	63	20081	0.562	ug/L 92
21) 2-Butanone	4.09	43	20852m	5.386	ug/L
22) cis-1,2-Dichloroethene	3.96	96	10313	0.495	ug/L 98
23) Bromochloromethane	4.30	128	4306	0.545	ug/L 89
25) Chloroform	4.42	83	20410	0.572	ug/L 97
27) 1,2-Dichloroethane	5.18	62	12422	0.628	ug/L # 93
29) 1,1,1-Trichloroethane	4.65	97	16641	0.537	ug/L 96
30) Cyclohexane	4.72	56	18789	0.527	ug/L 94
31) Carbon tetrachloride	4.87	117	14304	0.539	ug/L 99
33) Benzene	5.14	78	40292	0.497	ug/L 100
34) Trichloroethene	5.96	95	11422	0.539	ug/L 91
35) Methylcyclohexane	6.17	83	17979	0.491	ug/L 95
37) 1,2-Dichloropropane	6.22	63	10749	0.530	ug/L # 97
38) Bromodichloromethane	6.55	83	12378	0.503	ug/L 96
39) cis-1,3-Dichloropropene	7.07	75	13921	0.463	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	59316	5.226	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	41799	0.483	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	10859	0.472	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	6514	0.499	ug/L	95
47) Tetrachloroethene	8.01	164	8446	0.539	ug/L	91
48) 2-Hexanone	8.19	43	39393	4.956	ug/L	99
49) Dibromochloromethane	8.29	129	6852	0.443	ug/L	97
50) 1,2-Dibromoethane	8.39	107	6400	0.527	ug/L #	98
51) Chlorobenzene	8.92	112	27445	0.511	ug/L	95
52) Ethylbenzene	9.05	91	46674	0.480	ug/L	98
53) m,p-xylene	9.18	106	16758	0.465	ug/L	100
54) o-xylene	9.58	106	16207	0.461	ug/L	96
55) Styrene	9.60	104	26434	0.454	ug/L	97
56) Isopropylbenzene	9.97	105	42741	0.460	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	7772	0.505	ug/L #	88
59) 1,2,3-Trichloropropane	10.32	75	6220	0.550	ug/L	91
61) Bromoform	9.77	173	3086	0.396	ug/L #	90
62) 1,3-Dichlorobenzene	11.22	146	20423	0.480	ug/L	94
63) 1,4-Dichlorobenzene	11.31	146	22814	0.538	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	20353	0.529	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	1453	0.492	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.69	180	16330	0.507	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	14424	0.534	ug/L	99
69) Naphthalene	13.55	128	21993	0.469	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	12923	0.548	ug/L	98

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

