

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030419\
 Data File : VV009466.D
 Acq On : 04 Mar 2019 12:19
 Operator : SY/MD
 Sample : VSTD0.562
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.562

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 12:33:43 PM

Quant Time: Mar 05 03:54:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR030419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 05 03:46:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	109633	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4277	0.71	ug/L	0.00
7) Chloroethane-d5	1.59	69	3985	0.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	10256	0.68	ug/L	0.00
20) 2-Butanone-d5	3.98	46	6738	5.98	ug/L	0.00
24) Chloroform-d	4.40	84	7243	0.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	3547	0.63	ug/L	0.00
32) Benzene-d6	5.10	84	14026	0.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	4319	0.62	ug/L	0.00
41) Toluene-d8	7.36	98	13919	0.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1798	0.59	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	5809	5.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	3044	0.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	5280	0.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	3727	0.553 ug/L	96
3) Chloromethane	1.25	50	4100	0.572 ug/L	97
5) Vinyl chloride	1.32	62	4419	0.559 ug/L #	81
6) Bromomethane	1.54	94	2794	0.523 ug/L	98
8) Chloroethane	1.60	64	3012	0.575 ug/L	85
9) Trichlorofluoromethane	1.77	101	8993	0.538 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4745	0.576 ug/L	94
12) 1,1-Dichloroethene	2.14	96	4184	0.574 ug/L	89
13) Acetone	2.22	43	6204m	5.872 ug/L	
14) Carbon disulfide	2.32	76	13478	0.564 ug/L	100
15) Methyl Acetate	2.47	43	1651	0.602 ug/L #	79
16) Methylene chloride	2.53	84	6405	0.791 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	10452	0.560 ug/L #	89
18) trans-1,2-Dichloroethene	2.79	96	4653	0.585 ug/L	91
19) 1,1-Dichloroethane	3.23	63	6225	0.594 ug/L #	88
21) 2-Butanone	4.07	43	7497m	5.680 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	4109	0.555 ug/L	100
23) Bromochloromethane	4.30	128	1682	0.569 ug/L	91
25) Chloroform	4.42	83	6926	0.542 ug/L	82
27) 1,2-Dichloroethane	5.18	62	4056	0.539 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	6120	0.515 ug/L	99
30) Cyclohexane	4.71	56	6278	0.548 ug/L	98
31) Carbon tetrachloride	4.87	117	4605	0.469 ug/L	93
33) Benzene	5.14	78	14476	0.531 ug/L	100
34) Trichloroethene	5.96	95	4320	0.555 ug/L	88
35) Methylcyclohexane	6.17	83	6493	0.506 ug/L	94
37) 1,2-Dichloropropane	6.23	63	3601	0.538 ug/L #	89
38) Bromodichloromethane	6.55	83	4909	0.530 ug/L	90
39) cis-1,3-Dichloropropene	7.07	75	5366	0.508 ug/L	85
40) 4-Methyl-2-pentanone	7.29	43	19290	5.325 ug/L	99

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42) Toluene	7.43	91	16929	0.539	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	4141	0.503	ug/L	89
45) 1,1,2-Trichloroethane	7.88	97	2496	0.518	ug/L	90
47) Tetrachloroethene	8.02	164	3288	0.539	ug/L	96
48) 2-Hexanone	8.20	43	12651	5.203	ug/L	94
49) Dibromochloromethane	8.29	129	3001	0.477	ug/L	94
50) 1,2-Dibromoethane	8.40	107	2354	0.512	ug/L #	82
51) Chlorobenzene	8.93	112	11000	0.538	ug/L	95
52) Ethylbenzene	9.06	91	19226	0.538	ug/L	97
53) m,p-xylene	9.18	106	6503	0.466	ug/L	94
54) o-xylene	9.59	106	7240	0.536	ug/L	98
55) Styrene	9.61	104	11253	0.512	ug/L	92
56) Isopropylbenzene	9.98	105	19798	0.548	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.29	83	2896	0.502	ug/L	86
59) 1,2,3-Trichloropropane	10.32	75	2252	0.570	ug/L	92
61) Bromoform	9.78	173	1576	0.500	ug/L #	93
62) 1,3-Dichlorobenzene	11.23	146	8139	0.510	ug/L	92
63) 1,4-Dichlorobenzene	11.32	146	8437	0.536	ug/L	89
65) 1,2-Dichlorobenzene	11.69	146	8131	0.562	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	468	0.510	ug/L #	73
67) 1,3,5-Trichlorobenzene	12.70	180	6199	0.543	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	4589	0.529	ug/L	97
69) Naphthalene	13.56	128	7514	0.517	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	4250	0.535	ug/L	98

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

