

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\
 Data File : VV012516.D
 Acq On : 02 Sep 2019 09:14
 Operator : SY/MD
 Sample : VSTD0.536
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.536

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 9:10:34 AM

Quant Time: Sep 03 01:54:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 01:44:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173894	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	167549	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74942	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8995	0.57	ug/L	0.00
7) Chloroethane-d5	1.58	69	8389	0.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	20854	0.73	ug/L	0.00
20) 2-Butanone-d5	4.00	46	14685m	4.64	ug/L	0.03
24) Chloroform-d	4.40	84	13051	0.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	7213	0.56	ug/L	0.00
32) Benzene-d6	5.10	84	23929	0.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	7718	0.49	ug/L	0.00
41) Toluene-d8	7.36	98	19097	0.43	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2545	0.46	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	7556	3.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	5393	0.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	7371	0.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	10482	0.460 ug/L	97
3) Chloromethane	1.25	50	11865	0.498 ug/L	98
5) Vinyl chloride	1.32	62	13275	0.573 ug/L	99
6) Bromomethane	1.54	94	7692	0.598 ug/L	99
8) Chloroethane	1.60	64	8154	0.619 ug/L	97
9) Trichlorofluoromethane	1.77	101	19031	0.609 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	11254	0.702 ug/L	96
12) 1,1-Dichloroethene	2.14	96	9987	0.658 ug/L	92
13) Acetone	2.23	43	23436	8.479 ug/L	88
14) Carbon disulfide	2.32	76	34622	0.744 ug/L	97
15) Methyl Acetate	2.47	43	4730	0.688 ug/L #	64
16) Methylene chloride	2.53	84	13462	0.773 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	15900	0.435 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	8428	0.495 ug/L	91
19) 1,1-Dichloroethane	3.23	63	15340	0.462 ug/L	99
21) 2-Butanone	4.06	43	16895m	3.977 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	8135	0.460 ug/L	79
23) Bromochloromethane	4.30	128	3411	0.450 ug/L	92
25) Chloroform	4.42	83	18344	0.528 ug/L	95
27) 1,2-Dichloroethane	5.18	62	8676	0.438 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	12533	0.466 ug/L	99
30) Cyclohexane	4.72	56	11654	0.425 ug/L	99
31) Carbon tetrachloride	4.87	117	11032	0.466 ug/L	96
33) Benzene	5.15	78	26755	0.387 ug/L	100
34) Trichloroethene	5.96	95	8976	0.507 ug/L	94
35) Methylcyclohexane	6.17	83	11763	0.437 ug/L	97
37) 1,2-Dichloropropane	6.22	63	7908	0.441 ug/L	100
38) Bromodichloromethane	6.55	83	10384	0.461 ug/L #	99
39) cis-1,3-Dichloropropene	7.07	75	8902	0.381 ug/L #	82
40) 4-Methyl-2-pentanone	7.28	43	38229	3.701 ug/L	94

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

42) Toluene	7.43	91	29089	0.409	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	7580	0.416	ug/L	91
45) 1,1,2-Trichloroethane	7.88	97	5115	0.428	ug/L	96
47) Tetrachloroethene	8.02	164	6205	0.444	ug/L	92
48) 2-Hexanone	8.20	43	24308	3.452	ug/L	95
49) Dibromochloromethane	8.29	129	5791	0.426	ug/L	99
50) 1,2-Dibromoethane	8.40	107	4404	0.419	ug/L #	93
51) Chlorobenzene	8.92	112	20468	0.455	ug/L	95
52) Ethylbenzene	9.05	91	31319	0.414	ug/L	100
53) m,p-xylene	9.18	106	11423	0.417	ug/L	86
54) o-xylene	9.59	106	10158	0.378	ug/L	86
55) Styrene	9.60	104	16176	0.361	ug/L	99
56) Isopropylbenzene	9.97	105	27150	0.382	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	5482	0.394	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	4513	0.450	ug/L	96
61) Bromoform	9.78	173	2634	0.389	ug/L #	95
62) 1,3-Dichlorobenzene	11.23	146	13915	0.445	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	15320	0.488	ug/L	92
65) 1,2-Dichlorobenzene	11.69	146	13110	0.446	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	1114	0.561	ug/L #	89
67) 1,3,5-Trichlorobenzene	12.69	180	10462	0.449	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	5939	0.347	ug/L	96
69) Naphthalene	13.56	128	8393	0.340	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.79	180	5748	0.356	ug/L	96

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

