

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013180.D
 Acq On : 17 Oct 2019 18:49
 Operator : SY/MD
 Sample : VSTD0.535
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.535

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 4:09:05 PM

Quant Time: Oct 18 02:13:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 01:50:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	411031	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	427565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	221308	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20818	0.50	ug/L	0.00
7) Chloroethane-d5	1.59	69	16991	0.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	32101	0.52	ug/L	0.00
20) 2-Butanone-d5	4.04	46	41243m	4.88	ug/L	0.07
24) Chloroform-d	4.41	84	40232	0.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	19491	0.59	ug/L	0.00
32) Benzene-d6	5.10	84	73496	0.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	21929	0.50	ug/L	0.00
41) Toluene-d8	7.36	98	59862	0.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	8211	0.52	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	28365	4.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	18391	0.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	24733	0.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	27877	0.848 ug/L	98
3) Chloromethane	1.25	50	29541	0.839 ug/L	99
5) Vinyl chloride	1.32	62	28851	0.748 ug/L	96
6) Bromomethane	1.54	94	17625	0.899 ug/L	99
8) Chloroethane	1.60	64	14729	0.726 ug/L	99
9) Trichlorofluoromethane	1.77	101	35979	0.760 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	18623	0.677 ug/L	95
12) 1,1-Dichloroethene	2.14	96	17486	0.689 ug/L	91
13) Acetone	2.26	43	30922m	6.456 ug/L	
14) Carbon disulfide	2.32	76	66930	1.058 ug/L	97
15) Methyl Acetate	2.48	43	5848	0.487 ug/L #	80
16) Methylene chloride	2.54	84	31985	0.999 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	41843	0.616 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	23333	0.795 ug/L	94
19) 1,1-Dichloroethane	3.23	63	40926	0.707 ug/L	97
21) 2-Butanone	4.08	43	43565m	5.680 ug/L	
22) cis-1,2-Dichloroethene	3.97	96	23270	0.731 ug/L #	100
23) Bromochloromethane	4.31	128	11080	0.791 ug/L	89
25) Chloroform	4.43	83	49822	0.780 ug/L	94
27) 1,2-Dichloroethane	5.19	62	24132	0.704 ug/L #	94
29) 1,1,1-Trichloroethane	4.66	97	32960	0.655 ug/L	98
30) Cyclohexane	4.73	56	31453	0.689 ug/L #	95
31) Carbon tetrachloride	4.87	117	30071	0.694 ug/L	96
33) Benzene	5.15	78	85486	0.669 ug/L	100
34) Trichloroethene	5.96	95	22745	0.692 ug/L	96
35) Methylcyclohexane	6.18	83	32115	0.686 ug/L	96
37) 1,2-Dichloropropane	6.23	63	20047	0.595 ug/L #	96
38) Bromodichloromethane	6.56	83	27409	0.628 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	26703	0.590 ug/L	92
40) 4-Methyl-2-pentanone	7.28	43	108976	5.267 ug/L	94

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

42) Toluene	7.43	91	81612	0.611	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	20410	0.573	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	15219	0.618	ug/L	94
47) Tetrachloroethene	8.02	164	21279	0.781	ug/L	98
48) 2-Hexanone	8.19	43	80452	5.372	ug/L	93
49) Dibromochloromethane	8.29	129	17680	0.617	ug/L	99
50) 1,2-Dibromoethane	8.40	107	14357	0.683	ug/L #	96
51) Chlorobenzene	8.93	112	56807	0.636	ug/L	99
52) Ethylbenzene	9.05	91	84241	0.588	ug/L	98
53) m,p-xylene	9.18	106	29633	0.553	ug/L	96
54) o-xylene	9.59	106	29840	0.571	ug/L	100
55) Styrene	9.60	104	47471	0.535	ug/L	93
56) Isopropylbenzene	9.97	105	75053	0.538	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	20323	0.666	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	13088	0.615	ug/L	92
61) Bromoform	9.77	173	9789	0.605	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	43206	0.602	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	43552	0.599	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	41212	0.593	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.47	75	3356	0.718	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.69	180	29623	0.542	ug/L	94
68) 1,2,4-trichlorobenzene	13.31	180	26244	0.590	ug/L	99
69) Naphthalene	13.55	128	33298	0.499	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.79	180	24792	0.570	ug/L	97

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

