

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101019\
 Data File : VR026652.D
 Acq On : 10 Oct 2019 16:13
 Operator : SY/MD
 Sample : VSTD01067
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD01067

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 3:30:47 PM

Quant Time: Oct 11 06:27:22 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101019WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Oct 11 05:48:01 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	257580	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	211647	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	100988	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.19	65	150838	17.27	ug/L	0.00
7) Chloroethane-d5	2.65	69	123003	16.63	ug/L	0.01
11) 1,1-Dichloroethene-d2	3.66	63	373419	16.13	ug/L	0.00
20) 2-Butanone-d5	6.62	46	218573	135.55	ug/L	0.00
24) Chloroform-d	7.22	84	467807	14.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	169307	16.20	ug/L	0.00
32) Benzene-d6	7.88	84	956089	15.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	236197	15.01	ug/L	0.00
41) Toluene-d8	9.99	98	841078	17.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	64011	17.38	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	178261	168.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.38	84	111785	13.76	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	201315	14.27	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.86	85	404525	12.676	ug/L	98
3) Chloromethane	2.07	50	199497	12.249	ug/L	98
5) Vinyl chloride	2.20	62	198730	12.248	ug/L	91
6) Bromomethane	2.54	94	129357	12.392	ug/L	96
8) Chloroethane	2.68	64	109522	11.744	ug/L	97
9) Trichlorofluoromethane	2.99	101	378390	13.117	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.70	101	148490m	11.938	ug/L	
12) 1,1-Dichloroethene	3.67	96	150176	12.431	ug/L	85
13) Acetone	3.73	43	138916	114.347	ug/L	99
14) Carbon disulfide	3.97	76	1081277	18.204	ug/L	95
15) Methyl Acetate	4.22	43	56349	11.147	ug/L	99
16) Methylene chloride	4.43	84	275382m	10.921	ug/L	
17) Methyl tert-butyl Ether	4.93	73	305292	12.255	ug/L	98
18) trans-1,2-Dichloroethene	4.91	96	307940	12.255	ug/L	96
19) 1,1-Dichloroethane	5.72	63	522324	11.369	ug/L	97
21) 2-Butanone	6.72	43	257718	119.159	ug/L	99
22) cis-1,2-Dichloroethene	6.70	96	295429	12.402	ug/L #	95
23) Bromochloromethane	7.08	128	80927	12.019	ug/L	98
25) Chloroform	7.26	83	484305	10.832	ug/L	98
27) 1,2-Dichloroethane	8.01	62	197456	12.364	ug/L #	91
29) 1,1,1-Trichloroethane	7.45	97	401551	11.489	ug/L	97
30) Cyclohexane	7.54	56	508513	13.331	ug/L	98
31) Carbon tetrachloride	7.66	117	367610	12.138	ug/L	100
33) Benzene	7.93	78	1148379	11.701	ug/L	100
34) Trichloroethene	8.73	95	284624	11.684	ug/L	95
35) Methylcyclohexane	8.97	83	508433	13.603	ug/L	99
37) 1,2-Dichloropropane	9.02	63	217687	11.157	ug/L	98
38) Bromodichloromethane	9.30	83	248939	11.809	ug/L	90
39) cis-1,3-Dichloropropene	9.73	75	276638	13.369	ug/L	99
40) 4-Methyl-2-pentanone	9.88	43	587472	122.548	ug/L	98

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

42) Toluene	10.05	91	1117452	12.952	ug/L	99
44) trans-1,3-Dichloropropene	10.28	75	182868	13.524	ug/L	94
45) 1,1,2-Trichloroethane	10.46	97	101030	11.974	ug/L	95
47) Tetrachloroethene	10.53	164	184120	12.459	ug/L	94
48) 2-Hexanone	10.65	43	373392	122.055	ug/L	99
49) Dibromochloromethane	10.80	129	115113	12.508	ug/L	85
50) 1,2-Dibromoethane	10.90	107	85764	11.721	ug/L #	96
51) Chlorobenzene	11.33	112	595875	11.939	ug/L	98
52) Ethylbenzene	11.41	91	1251956	12.886	ug/L	100
53) m,p-Xylene	11.52	106	463631	13.239	ug/L	98
54) o-Xylene	11.84	106	433445	12.637	ug/L	94
55) Styrene	11.86	104	620141	12.623	ug/L	99
56) Isopropylbenzene	12.15	105	1259715	12.969	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.40	83	109027	11.101	ug/L #	99
59) 1,2,3-Trichloropropane	12.45	75	78863	11.293	ug/L	98
61) Bromoform	12.03	173	45701	11.332	ug/L	98
62) 1,3-Dichlorobenzene	13.18	146	420166	11.477	ug/L	93
63) 1,4-Dichlorobenzene	13.26	146	403225	11.029	ug/L	96
65) 1,2-Dichlorobenzene	13.55	146	352124	11.434	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.16	75	15451	9.905	ug/L	94
67) 1,3,5-Trichlorobenzene	14.31	180	326392	11.161	ug/L	97
68) 1,2,4-trichlorobenzene	14.80	180	249495	12.159	ug/L	98
69) Naphthalene	15.02	128	339078	12.657	ug/L	99
70) 1,2,3-Trichlorobenzene	15.20	180	215627	11.559	ug/L	99

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

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