

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101019\
 Data File : VR026653.D
 Acq On : 10 Oct 2019 16:46
 Operator : SY/MD
 Sample : VSTD02068
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD02068

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Oct 11 06:28:47 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

10/11/2019 3:31:06 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	279708	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	224375	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	108924	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.19	65	309434	32.62	ug/L	0.00
7) Chloroethane-d5	2.65	69	249656	31.09	ug/L	0.01
11) 1,1-Dichloroethene-d2	3.66	63	753432	29.98	ug/L	0.00
20) 2-Butanone-d5	6.62	46	509570	291.02	ug/L	0.00
24) Chloroform-d	7.23	84	931497	26.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	328860	28.98	ug/L	0.00
32) Benzene-d6	7.88	84	1909764	29.09	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	483535	28.99	ug/L	0.00
41) Toluene-d8	9.99	98	1623646	31.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	139373	35.69	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	385918	344.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	215417	25.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	401826	26.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.86	85	821760	23.713 ug/L	98
3) Chloromethane	2.07	50	421815	23.851 ug/L	95
5) Vinyl chloride	2.20	62	417905	23.718 ug/L	97
6) Bromomethane	2.54	94	254673	22.468 ug/L	94
8) Chloroethane	2.68	64	231978	22.907 ug/L	93
9) Trichlorofluoromethane	2.98	101	746354	23.825 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.70	101	309038	22.879 ug/L	97
12) 1,1-Dichloroethene	3.67	96	307536	23.443 ug/L	91
13) Acetone	3.73	43	285689	216.557 ug/L	99
14) Carbon disulfide	3.97	76	2213293	34.315 ug/L	99
15) Methyl Acetate	4.22	43	119387	21.749 ug/L	98
16) Methylene chloride	4.43	84	555419m	20.285 ug/L	
17) Methyl tert-butyl Ether	4.93	73	644340	23.819 ug/L	98
18) trans-1,2-Dichloroethene	4.91	96	622485	22.813 ug/L	96
19) 1,1-Dichloroethane	5.72	63	1064120	21.330 ug/L	97
21) 2-Butanone	6.72	43	564356	240.294 ug/L	99
22) cis-1,2-Dichloroethene	6.70	96	595991	23.041 ug/L	95
23) Bromochloromethane	7.08	128	163786	22.400 ug/L	93
25) Chloroform	7.25	83	965850	19.893 ug/L	98
27) 1,2-Dichloroethane	8.01	62	403649	23.275 ug/L	# 91
29) 1,1,1-Trichloroethane	7.45	97	817678	22.068 ug/L	97
30) Cyclohexane	7.54	56	1043708	25.808 ug/L	99
31) Carbon tetrachloride	7.66	117	755489	23.529 ug/L	99
33) Benzene	7.93	78	2240785	21.537 ug/L	100
34) Trichloroethene	8.73	95	584910	22.648 ug/L	97
35) Methylcyclohexane	8.97	83	985605	24.874 ug/L	96
37) 1,2-Dichloropropane	9.02	63	440576	21.299 ug/L	98
38) Bromodichloromethane	9.30	83	518998	23.223 ug/L	95
39) cis-1,3-Dichloropropene	9.73	75	601493	27.420 ug/L	98
40) 4-Methyl-2-pentanone	9.89	43	1241484	244.285 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101019\
 Data File : VR026653.D
 Acq On : 10 Oct 2019 16:46
 Operator : SY/MD
 Sample : VSTD02068
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD02068

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Oct 11 06:28:47 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

10/11/2019 3:31:06 PM

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

42) Toluene	10.05	91	2114708	23.120	ug/L	98
44) trans-1,3-Dichloropropene	10.28	75	391084	27.281	ug/L	98
45) 1,1,2-Trichloroethane	10.46	97	205230	22.944	ug/L	98
47) Tetrachloroethene	10.53	164	375785	23.986	ug/L	96
48) 2-Hexanone	10.65	43	788129	243.011	ug/L	99
49) Dibromochloromethane	10.80	129	245558	25.169	ug/L	91
50) 1,2-Dibromoethane	10.90	107	180228	23.234	ug/L #	99
51) Chlorobenzene	11.33	112	1195982	22.604	ug/L	98
52) Ethylbenzene	11.41	91	2402643	23.328	ug/L	100
53) m,p-Xylene	11.52	106	906134	24.408	ug/L	100
54) o-Xylene	11.84	106	822973	22.632	ug/L	95
55) Styrene	11.86	104	1165792	22.383	ug/L	97
56) Isopropylbenzene	12.14	105	2396465	23.272	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	214441	20.596	ug/L #	95
59) 1,2,3-Trichloropropane	12.45	75	160915	21.735	ug/L	97
61) Bromoform	12.03	173	100038	22.998	ug/L	98
62) 1,3-Dichlorobenzene	13.18	146	831897	21.068	ug/L	94
63) 1,4-Dichlorobenzene	13.26	146	791110	20.061	ug/L	98
65) 1,2-Dichlorobenzene	13.55	146	679473	20.455	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.16	75	34118	20.278	ug/L #	77
67) 1,3,5-Trichlorobenzene	14.31	180	662246	20.995	ug/L	96
68) 1,2,4-trichlorobenzene	14.80	180	530009	23.947	ug/L	99
69) Naphthalene	15.02	128	760899	26.333	ug/L	100
70) 1,2,3-Trichlorobenzene	15.20	180	441407	21.939	ug/L	99

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

