

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026571.D
 Acq On : 11 Apr 2019 11:55
 Operator : SY/MD
 Sample : VSTD01086
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD01086

Quant Time: Apr 12 01:27:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR041119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 12 01:22:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	606604	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	527405	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	230385	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	440804	9.51	ug/L	0.00
7) Chloroethane-d5	2.62	69	384448	9.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	1199785	9.82	ug/L	0.00
20) 2-Butanone-d5	6.59	46	488635	116.88	ug/L	0.00
24) Chloroform-d	7.20	84	919872	10.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	383346	10.21	ug/L	0.00
32) Benzene-d6	7.85	84	1766376	10.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	446372	10.13	ug/L	0.00
41) Toluene-d8	9.97	98	1700789	11.27	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	118821	10.38	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	437493	135.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	188460	10.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	364802	10.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.82	85	594628	9.411 ug/L	99
3) Chloromethane	2.01	50	625377	9.381 ug/L	98
5) Vinyl chloride	2.16	62	626173	9.495 ug/L	95
6) Bromomethane	2.52	94	376109	9.688 ug/L	93
8) Chloroethane	2.66	64	354766	9.320 ug/L	94
9) Trichlorofluoromethane	2.93	101	919685	9.946 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	488376	9.652 ug/L	98
12) 1,1-Dichloroethene	3.63	96	519362	9.421 ug/L	93
13) Acetone	3.70	43	391206	92.590 ug/L	97
14) Carbon disulfide	3.93	76	1462889	9.258 ug/L	99
15) Methyl Acetate	4.19	43	110249	9.512 ug/L #	75
16) Methylene chloride	4.40	84	427054	8.649 ug/L	96
17) Methyl tert-butyl Ether	4.89	73	531057	8.792 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	499824	9.740 ug/L	98
19) 1,1-Dichloroethane	5.69	63	896102	9.426 ug/L	98
21) 2-Butanone	6.69	43	595198	108.798 ug/L	100
22) cis-1,2-Dichloroethene	6.67	96	466641	10.843 ug/L #	97
23) Bromochloromethane	7.05	128	134462	9.940 ug/L	98
25) Chloroform	7.23	83	886381	9.675 ug/L	100
27) 1,2-Dichloroethane	7.99	62	438808	9.574 ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	772002	9.009 ug/L	98
30) Cyclohexane	7.51	56	854039	10.734 ug/L	98
31) Carbon tetrachloride	7.63	117	766367	9.318 ug/L	99
33) Benzene	7.90	78	2030791	9.838 ug/L	100
34) Trichloroethene	8.71	95	525343	9.518 ug/L	93
35) Methylcyclohexane	8.95	83	816523	10.397 ug/L	98
37) 1,2-Dichloropropane	8.99	63	427138	9.448 ug/L	99
38) Bromodichloromethane	9.28	83	499517	9.502 ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	552711	11.298 ug/L	96
40) 4-Methyl-2-pentanone	9.86	43	1520814	112.857 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	2193463	10.322	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	379752	10.732	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	185973	9.984	ug/L	96
47) Tetrachloroethene	10.51	164	391413	9.852	ug/L	93
48) 2-Hexanone	10.63	43	1044165	115.611	ug/L	100
49) Dibromochloromethane	10.78	129	240315	9.944	ug/L	98
50) 1,2-Dibromoethane	10.88	107	159513	9.960	ug/L #	89
51) Chlorobenzene	11.32	112	1168995	9.725	ug/L	100
52) Ethylbenzene	11.39	91	2566405	10.498	ug/L	97
53) m,p-Xylene	11.50	106	935692	10.692	ug/L	99
54) o-Xylene	11.83	106	885483	11.460	ug/L	98
55) Styrene	11.84	104	1376685	11.281	ug/L	96
56) Isopropylbenzene	12.13	105	2476171	11.353	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	179481	9.930	ug/L	98
59) 1,2,3-Trichloropropane	12.43	75	135225	9.900	ug/L	98
61) Bromoform	12.01	173	91905	9.018	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	748881	10.233	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	768443	9.223	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	610174	9.896	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.14	75	19000	8.182	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.29	180	476612	9.901	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	278432	10.483	ug/L	99
69) Naphthalene	15.00	128	301947	12.252	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	210880	11.248	ug/L	99

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

