

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026569.D
 Acq On : 11 Apr 2019 10:50
 Operator : SY/MD
 Sample : VSTD00184
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00184

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 9:30:47 AM

Quant Time: Apr 12 01:33:39 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	515744	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	422775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	155897	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	40454	1.03	ug/L	0.00
7) Chloroethane-d5	2.63	69	34098	1.03	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	111078	1.07	ug/L	0.00
20) 2-Butanone-d5	6.58	46	28727	8.08	ug/L	0.00
24) Chloroform-d	7.20	84	75049	0.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.88	65	32031	1.00	ug/L	0.00
32) Benzene-d6	7.85	84	125716	0.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	34742	0.98	ug/L	0.00
41) Toluene-d8	9.96	98	112855	0.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	7223	0.79	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	16924	6.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	15437	1.11	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	23716	1.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.82	85	60222	1.121 ug/L	98
3) Chloromethane	2.00	50	61115	1.078 ug/L	93
5) Vinyl chloride	2.14	62	63643	1.135 ug/L	93
6) Bromomethane	2.52	94	34586	1.048 ug/L	90
8) Chloroethane	2.66	64	35347	1.092 ug/L	97
9) Trichlorofluoromethane	2.93	101	90923m	1.156 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	47250	1.098 ug/L	96
12) 1,1-Dichloroethene	3.63	96	49916	1.065 ug/L	83
13) Acetone	3.69	43	42401	11.803 ug/L	97
14) Carbon disulfide	3.92	76	125453	0.934 ug/L	100
15) Methyl Acetate	4.18	43	11967	1.214 ug/L	99
16) Methylene chloride	4.40	84	48344	1.152 ug/L	92
17) Methyl tert-butyl Ether	4.88	73	43082	0.839 ug/L #	88
18) trans-1,2-Dichloroethene	4.88	96	44817	1.027 ug/L	87
19) 1,1-Dichloroethane	5.69	63	78630	0.973 ug/L	99
21) 2-Butanone	6.69	43	36132	7.768 ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	31129	0.851 ug/L #	82
23) Bromochloromethane	7.05	128	13221	1.150 ug/L #	78
25) Chloroform	7.22	83	77088	0.990 ug/L	100
27) 1,2-Dichloroethane	7.99	62	40801	1.047 ug/L #	93
29) 1,1,1-Trichloroethane	7.42	97	62855	0.915 ug/L	100
30) Cyclohexane	7.52	56	48338	0.758 ug/L	96
31) Carbon tetrachloride	7.63	117	67544	1.025 ug/L	94
33) Benzene	7.90	78	161328	0.975 ug/L	100
34) Trichloroethene	8.71	95	42980	0.971 ug/L	91
35) Methylcyclohexane	8.95	83	52058	0.827 ug/L	91
37) 1,2-Dichloropropane	9.00	63	35586	0.982 ug/L #	93
38) Bromodichloromethane	9.28	83	39952	0.948 ug/L	94
39) cis-1,3-Dichloropropene	9.72	75	28119	0.717 ug/L	95
40) 4-Methyl-2-pentanone	9.87	43	79305	7.342 ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026569.D
 Acq On : 11 Apr 2019 10:50
 Operator : SY/MD
 Sample : VSTD00184
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00184

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 9:30:47 AM

Quant Time: Apr 12 01:33:39 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)

42) Toluene	10.03	91	159653	0.937	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	20368	0.718	ug/L	87
45) 1,1,2-Trichloroethane	10.44	97	15338	1.027	ug/L	94
47) Tetrachloroethene	10.51	164	30766	0.966	ug/L	87
48) 2-Hexanone	10.63	43	62349	8.612	ug/L	96
49) Dibromochloromethane	10.79	129	17283	0.892	ug/L	93
50) 1,2-Dibromoethane	10.89	107	13059	1.017	ug/L #	96
51) Chlorobenzene	11.31	112	95783	0.994	ug/L	99
52) Ethylbenzene	11.39	91	179656	0.917	ug/L	99
53) m,p-Xylene	11.50	106	62711	0.894	ug/L	91
54) o-Xylene	11.83	106	50682	0.818	ug/L	91
55) Styrene	11.84	104	89577	0.916	ug/L	97
56) Isopropylbenzene	12.13	105	144872	0.829	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	14818	1.023	ug/L #	91
59) 1,2,3-Trichloropropane	12.43	75	10769	0.984	ug/L	91
61) Bromoform	12.01	173	5977	0.867	ug/L	88
62) 1,3-Dichlorobenzene	13.16	146	40546	0.819	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	59627	1.058	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	40332	0.967	ug/L #	89
66) 1,2-Dibromo-3-chloropropan	14.15	75	1890	1.203	ug/L #	68
67) 1,3,5-Trichlorobenzene	14.29	180	29347	0.901	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	14197	0.790	ug/L	98
69) Naphthalene	15.00	128	9491	0.569	ug/L #	90
70) 1,2,3-Trichlorobenzene	15.17	180	9634	0.759	ug/L	87

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

