

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
 Data File : VR026231.D
 Acq On : 20 Nov 2018 15:13
 Operator : SY/MD
 Sample : VSTD0.588
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.588

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 5:40:04 PM

Quant Time: Nov 20 17:07:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	713587	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	565910	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	199893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	27813	0.53	ug/L	0.00
7) Chloroethane-d5	2.63	69	25659	0.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	73766	0.53	ug/L	0.00
20) 2-Butanone-d5	6.59	46	23290	5.09	ug/L	0.00
24) Chloroform-d	7.20	84	53115	0.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	20797	0.56	ug/L	0.00
32) Benzene-d6	7.86	84	98834	0.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	25121	0.58	ug/L	0.00
41) Toluene-d8	9.97	98	85221	0.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	6298	0.58	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	9942	3.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	9814	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	18411	0.63	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	27537	0.608 ug/L	94
3) Chloromethane	2.02	50	34744	0.448 ug/L	94
5) Vinyl chloride	2.16	62	32190	0.420 ug/L #	78
6) Bromomethane	2.53	94	23577	0.463 ug/L	83
8) Chloroethane	2.67	64	22449	0.464 ug/L	88
9) Trichlorofluoromethane	2.94	101	48508m	0.471 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	32385	0.548 ug/L	97
12) 1,1-Dichloroethene	3.64	96	33626	0.482 ug/L	78
13) Acetone	3.70	43	19563	4.043 ug/L	94
14) Carbon disulfide	3.93	76	72836	0.384 ug/L	99
15) Methyl Acetate	4.20	43	7477	0.594 ug/L #	79
16) Methylene chloride	4.41	84	31792	0.541 ug/L	97
17) Methyl tert-butyl Ether	4.89	73	28488	0.483 ug/L	92
18) trans-1,2-Dichloroethene	4.88	96	27932	0.519 ug/L	89
19) 1,1-Dichloroethane	5.70	63	50221	0.510 ug/L	97
21) 2-Butanone	6.69	43	23865	4.270 ug/L	77
22) cis-1,2-Dichloroethene	6.67	96	23042	0.484 ug/L #	80
23) Bromochloromethane	7.05	128	8318	0.572 ug/L #	83
25) Chloroform	7.23	83	66832	0.695 ug/L	95
27) 1,2-Dichloroethane	8.00	62	22575	0.506 ug/L #	93
29) 1,1,1-Trichloroethane	7.43	97	42386	0.559 ug/L	99
30) Cyclohexane	7.52	56	33407	0.503 ug/L	95
31) Carbon tetrachloride	7.64	117	39312	0.585 ug/L	97
33) Benzene	7.90	78	106359	0.521 ug/L	100
34) Trichloroethene	8.71	95	28671	0.551 ug/L	96
35) Methylcyclohexane	8.96	83	34709	0.513 ug/L	93
37) 1,2-Dichloropropane	9.00	63	23935	0.559 ug/L	98
38) Bromodichloromethane	9.28	83	26732	0.559 ug/L #	98
39) cis-1,3-Dichloropropene	9.72	75	21405	0.442 ug/L	94
40) 4-Methyl-2-pentanone	9.87	43	49854	4.118 ug/L	97

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

42) Toluene	10.04	91	159630	0.750	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	14887	0.461	ug/L	93
45) 1,1,2-Trichloroethane	10.45	97	9334	0.505	ug/L	93
47) Tetrachloroethene	10.51	164	21248	0.598	ug/L	97
48) 2-Hexanone	10.63	43	32418	3.971	ug/L	98
49) Dibromochloromethane	10.78	129	10888	0.497	ug/L	77
50) 1,2-Dibromoethane	10.89	107	8108	0.517	ug/L #	84
51) Chlorobenzene	11.32	112	62915	0.532	ug/L	97
52) Ethylbenzene	11.39	91	120431	0.499	ug/L	93
53) m,p-Xylene	11.50	106	41268	0.471	ug/L	88
54) o-Xylene	11.83	106	36725	0.459	ug/L	88
55) Styrene	11.85	104	52470	0.422	ug/L	93
56) Isopropylbenzene	12.13	105	99859	0.462	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.39	83	9061	0.507	ug/L	95
59) 1,2,3-Trichloropropane	12.43	75	6950	0.517	ug/L	99
61) Bromoform	12.02	173	3986	0.504	ug/L #	91
62) 1,3-Dichlorobenzene	13.16	146	31239	0.516	ug/L	92
63) 1,4-Dichlorobenzene	13.24	146	39198	0.589	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	28058	0.553	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	1103	0.586	ug/L	98
67) 1,3,5-Trichlorobenzene	14.29	180	22223	0.590	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	10863	0.516	ug/L	96
69) Naphthalene	15.01	128	8057	0.363	ug/L #	84
70) 1,2,3-Trichlorobenzene	15.18	180	8050	0.547	ug/L	92

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

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