

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR082118\
 Data File : VR025623.D
 Acq On : 21 Aug 2018 12:04
 Operator : SY/MD
 Sample : VSTD0.581
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.581

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 10:49:49 AM

Quant Time: Aug 21 16:48:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 16:35:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	569267	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	472149	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	162600	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	17776	0.46	ug/L	0.00
7) Chloroethane-d5	2.61	69	16621	0.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.62	63	44668	0.49	ug/L	0.00
20) 2-Butanone-d5	6.59	46	12040m	3.25	ug/L	0.00
24) Chloroform-d	7.21	84	30755	0.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	11925	0.47	ug/L	0.02
32) Benzene-d6	7.86	84	72288	0.56	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	18731	0.53	ug/L	0.00
41) Toluene-d8	9.97	98	61179	0.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	3697	0.43	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	9810	3.06	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	8672	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	12035	0.44	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	14491m	0.44	ug/L	
3) Chloromethane	2.00	50	22411	0.45	ug/L	87
5) Vinyl chloride	2.16	62	20970	0.46	ug/L	91
6) Bromomethane	2.52	94	15387	0.71	ug/L	98
8) Chloroethane	2.64	64	12142	0.51	ug/L	97
9) Trichlorofluoromethane	2.99	101	31577m	0.48	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	19617	0.46	ug/L	98
12) 1,1-Dichloroethene	3.63	96	23282	0.50	ug/L	79
13) Acetone	3.70	43	8679m	2.29	ug/L	
14) Carbon disulfide	3.93	76	52198m	0.54	ug/L	
15) Methyl Acetate	4.19	43	3593m	0.36	ug/L	
16) Methylene chloride	4.41	84	20379	0.47	ug/L	89
17) Methyl tert-butyl Ether	4.90	73	17432	0.35	ug/L #	80
18) trans-1,2-Dichloroethene	4.88	96	21924	0.50	ug/L #	81
19) 1,1-Dichloroethane	5.70	63	33420	0.53	ug/L #	83
21) 2-Butanone	6.70	43	12630m	2.74	ug/L	
22) cis-1,2-Dichloroethene	6.67	96	15368	0.39	ug/L #	96
23) Bromochloromethane	7.06	128	5749	0.38	ug/L #	61
25) Chloroform	7.24	83	28429	0.43	ug/L	89
27) 1,2-Dichloroethane	8.00	62	9014	0.34	ug/L #	93
29) 1,1,1-Trichloroethane	7.42	97	21554	0.54	ug/L	98
30) Cyclohexane	7.52	56	24141	0.61	ug/L	94
31) Carbon tetrachloride	7.64	117	18872	0.45	ug/L	98
33) Benzene	7.91	78	73299	0.50	ug/L	100
34) Trichloroethene	8.70	95	18276	0.52	ug/L	82
35) Methylcyclohexane	8.96	83	24801	0.52	ug/L	98
37) 1,2-Dichloropropane	8.99	63	17705	0.53	ug/L #	88
38) Bromodichloromethane	9.28	83	15625	0.47	ug/L #	83
39) cis-1,3-Dichloropropene	9.72	75	14739	0.44	ug/L	98
40) 4-Methyl-2-pentanone	9.86	43	28959	2.86	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	64985	0.41	ug/L	93
44) trans-1,3-Dichloropropene	10.27	75	9653	0.39	ug/L	93
45) 1,1,2-Trichloroethane	10.45	97	8185	0.46	ug/L #	86
47) Tetrachloroethene	10.51	164	14680	0.48	ug/L	80
48) 2-Hexanone	10.63	43	18608	2.62	ug/L #	97
49) Dibromochloromethane	10.78	129	6994	0.33	ug/L	82
50) 1,2-Dibromoethane	10.89	107	5514	0.36	ug/L #	92
51) Chlorobenzene	11.31	112	50016	0.49	ug/L	98
52) Ethylbenzene	11.39	91	70109	0.44	ug/L	95
53) m,p-Xylene	11.51	106	27959	0.44	ug/L	93
54) o-Xylene	11.83	106	21225	0.36	ug/L	98
55) Styrene	11.85	104	32881	0.34	ug/L	94
56) Isopropylbenzene	12.13	105	54415	0.38	ug/L	96
58) 1,1,2,2-Tetrachloroethane	12.38	83	6826	0.38	ug/L	99
59) 1,2,3-Trichloropropane	12.44	75	5202	0.47	ug/L #	70
61) Bromoform	12.01	173	3032	0.40	ug/L #	97
62) 1,3-Dichlorobenzene	13.16	146	22133	0.47	ug/L	90
63) 1,4-Dichlorobenzene	13.25	146	28078	0.50	ug/L	90
65) 1,2-Dichlorobenzene	13.53	146	20507	0.46	ug/L #	81
66) 1,2-Dibromo-3-chloropropan	14.15	75	446	0.33	ug/L	87
67) 1,3,5-Trichlorobenzene	14.29	180	11230	0.36	ug/L #	85
68) 1,2,4-trichlorobenzene	14.79	180	7542	0.39	ug/L	99
69) Naphthalene	15.00	128	7640	0.34	ug/L #	89
70) 1,2,3-Trichlorobenzene	15.18	180	5810	0.35	ug/L	93

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

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