

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092718\
 Data File : VR025872.D
 Acq On : 27 Sep 2018 12:29
 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
 10/1/2018 11:53:50 AM

Quant Time: Sep 27 15:29:52 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Sep 27 15:06:01 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	508498	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	412156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	138119	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	22695	0.62	ug/L	0.00
7) Chloroethane-d5	2.63	69	19515	0.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	56223	0.64	ug/L	0.00
20) 2-Butanone-d5	6.59	46	22296	4.59	ug/L	0.00
24) Chloroform-d	7.20	84	37302	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	15924	0.48	ug/L	0.00
32) Benzene-d6	7.85	84	76576	0.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	20709	0.50	ug/L	0.00
41) Toluene-d8	9.97	98	69287	0.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	3794	0.33	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	13584	3.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	8663	0.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	11576	0.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	16171m	0.305 ug/L	
3) Chloromethane	2.01	50	25761	0.447 ug/L	88
5) Vinyl chloride	2.16	62	24386	0.447 ug/L	90
6) Bromomethane	2.54	94	15412m	0.496 ug/L	
8) Chloroethane	2.66	64	13890	0.448 ug/L	97
9) Trichlorofluoromethane	2.93	101	33293m	0.492 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	21630m	0.524 ug/L	
12) 1,1-Dichloroethene	3.65	96	22603	0.515 ug/L	77
13) Acetone	3.70	43	19925	6.221 ug/L	97
14) Carbon disulfide	3.94	76	44810m	0.363 ug/L	
15) Methyl Acetate	4.20	43	5552m	0.540 ug/L	
16) Methylene chloride	4.40	84	21963m	0.557 ug/L	
17) Methyl tert-butyl Ether	4.89	73	19689	0.257 ug/L	95
18) trans-1,2-Dichloroethene	4.89	96	14787	0.298 ug/L	86
19) 1,1-Dichloroethane	5.69	63	32479	0.320 ug/L #	94
21) 2-Butanone	6.69	43	22371	3.351 ug/L	96
22) cis-1,2-Dichloroethene	6.67	96	16736	0.335 ug/L #	99
23) Bromochloromethane	7.04	128	4593	0.349 ug/L #	56
25) Chloroform	7.23	83	31513	0.338 ug/L	96
27) 1,2-Dichloroethane	8.00	62	15922	0.330 ug/L #	94
29) 1,1,1-Trichloroethane	7.43	97	23375	0.281 ug/L	94
30) Cyclohexane	7.52	56	32303	0.326 ug/L	95
31) Carbon tetrachloride	7.64	117	20091	0.293 ug/L	95
33) Benzene	7.91	78	73036	0.338 ug/L	100
34) Trichloroethene	8.71	95	20322	0.354 ug/L	91
35) Methylcyclohexane	8.95	83	28820	0.306 ug/L	94
37) 1,2-Dichloropropane	8.99	63	15102	0.313 ug/L #	98
38) Bromodichloromethane	9.28	83	16249	0.305 ug/L	97
39) cis-1,3-Dichloropropene	9.72	75	13509	0.229 ug/L	92
40) 4-Methyl-2-pentanone	9.87	43	47973	2.856 ug/L	100

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 Response via : Initial Calibration

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

42) Toluene	10.04	91	73518	0.333	ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	8713	0.213	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	6827	0.338	ug/L #	87
47) Tetrachloroethene	10.51	164	11156	0.340	ug/L	84
48) 2-Hexanone	10.63	43	31487	2.851	ug/L #	94
49) Dibromochloromethane	10.79	129	6419	0.305	ug/L	83
50) 1,2-Dibromoethane	10.89	107	5093	0.286	ug/L #	84
51) Chlorobenzene	11.32	112	39934	0.345	ug/L	92
52) Ethylbenzene	11.39	91	83255	0.328	ug/L	96
53) m,p-Xylene	11.50	106	29439	0.322	ug/L	90
54) o-Xylene	11.83	106	26167	0.312	ug/L	100
55) Styrene	11.84	104	37133	0.286	ug/L	94
56) Isopropylbenzene	12.13	105	70942	0.303	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.39	83	6140	0.309	ug/L #	64
59) 1,2,3-Trichloropropane	12.43	75	5142	0.326	ug/L	98
61) Bromoform	12.01	173	2034	0.316	ug/L #	90
62) 1,3-Dichlorobenzene	13.16	146	20232	0.317	ug/L	89
63) 1,4-Dichlorobenzene	13.24	146	22550	0.366	ug/L	90
65) 1,2-Dichlorobenzene	13.53	146	17236	0.354	ug/L	86
66) 1,2-Dibromo-3-chloropropan	14.15	75	950	0.427	ug/L #	77
67) 1,3,5-Trichlorobenzene	14.29	180	11868	0.329	ug/L #	97
68) 1,2,4-trichlorobenzene	14.78	180	8219	0.358	ug/L	96
69) Naphthalene	15.00	128	8671	0.260	ug/L #	95
70) 1,2,3-Trichlorobenzene	15.18	180	5143	0.316	ug/L #	80

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

