

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR092418\
 Data File : VR025841.D
 Acq On : 25 Sep 2018 3:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00583

Manual Integrations
 APPROVED

MMDadoda
 9/26/2018 10:33:04 AM

Quant Time: Sep 25 09:30:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 25 08:50:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	418590	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	340072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	119920	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	146447	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	2.62	69	124150	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	3.62	63	389871	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	6.59	46	191317	47.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.76%
24) Chloroform-d	7.20	84	285338	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	7.90	65	124205	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	7.85	84	575329	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	8.89	67	160371	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	9.97	98	519401	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	10.24	79	34138	3.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.60%
46) 2-Hexanone-d5	10.59	63	147947	46.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62939	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	90565	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	181655	4.167 ug/L	94
3) Chloromethane	2.01	50	233569	4.921 ug/L	96
5) Vinyl chloride	2.17	62	233535	5.195 ug/L	94
6) Bromomethane	2.52	94	131050	5.128 ug/L	97
8) Chloroethane	2.66	64	135738	5.314 ug/L	99
9) Trichlorofluoromethane	2.93	101	322003m	5.776 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	187662	5.525 ug/L	98
12) 1,1-Dichloroethene	3.63	96	195640	5.418 ug/L	98
13) Acetone	3.70	43	160549	60.890 ug/L	96
14) Carbon disulfide	3.94	76	498511	4.907 ug/L	100
15) Methyl Acetate	4.19	43	44010	5.203 ug/L	97
16) Methylene chloride	4.40	84	170783	5.260 ug/L	99
17) Methyl tert-butyl Ether	4.89	73	256529	4.062 ug/L	97
18) trans-1,2-Dichloroethene	4.88	96	182847	4.476 ug/L	99
19) 1,1-Dichloroethane	5.69	63	369786	4.427 ug/L	96
21) 2-Butanone	6.69	43	258382	47.019 ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	182945	4.446 ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	44566	4.109	ug/L	91
25) Chloroform	7.23	83	345906	4.504	ug/L	96
27) 1,2-Dichloroethane	7.99	62	174610	4.399	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	276825	4.030	ug/L	97
30) Cyclohexane	7.51	56	366852	4.480	ug/L	99
31) Carbon tetrachloride	7.64	117	228980	4.052	ug/L	100
33) Benzene	7.90	78	812840	4.553	ug/L	100
34) Trichloroethene	8.71	95	205584	4.339	ug/L	98
35) Methylcyclohexane	8.95	83	340310	4.380	ug/L	99
37) 1,2-Dichloropropane	9.00	63	180671	4.539	ug/L	100
38) Bromodichloromethane	9.28	83	190254	4.329	ug/L	93
39) cis-1,3-Dichloropropene	9.72	75	202263	4.151	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	669474	48.310	ug/L	98
42) Toluene	10.04	91	839379	4.613	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	131642	3.898	ug/L	96
45) 1,1,2-Trichloroethane	10.45	97	75009	4.495	ug/L	87
47) Tetrachloroethene	10.51	164	112049	4.135	ug/L	96
48) 2-Hexanone	10.63	43	430814	47.271	ug/L	99
49) Dibromochloromethane	10.79	129	73792	4.244	ug/L	98
50) 1,2-Dibromoethane	10.89	107	64855	4.416	ug/L	98
51) Chlorobenzene	11.32	112	427563	4.479	ug/L	100
52) Ethylbenzene	11.39	91	985322	4.707	ug/L	99
53) m,p-Xylene	11.50	106	338548	4.485	ug/L	97
54) o-Xylene	11.83	106	311651	4.509	ug/L	97
55) Styrene	11.84	104	496070	4.632	ug/L	99
56) Isopropylbenzene	12.13	105	907277	4.690	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	76974	4.701	ug/L	94
59) 1,2,3-Trichloropropane	12.43	75	59071	4.544	ug/L	99
61) Bromoform	12.01	173	21520	3.846	ug/L	92
62) 1,3-Dichlorobenzene	13.16	146	238102	4.291	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	240570	4.492	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	185103	4.382	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.14	75	7264	3.761	ug/L #	92
67) 1,3,5-Trichlorobenzene	14.29	180	129559	4.139	ug/L	96
68) 1,2,4-trichlorobenzene	14.78	180	79442	3.989	ug/L	98
69) Naphthalene	15.00	128	124593	4.298	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	57590	4.070	ug/L	99

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

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