

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082418\
 Data File : VR025630.D
 Acq On : 24 Aug 2018 12:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00583

Manual Integrations
 APPROVED

MMDadoda

8/27/2018 4:09:41 PM

Quant Time: Aug 24 23:03:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 22:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	530072	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	446391	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	182980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	186780	5.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.20%
7) Chloroethane-d5	2.62	69	152260	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	3.63	63	430236	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	6.59	46	137471	52.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.58%
24) Chloroform-d	7.20	84	290425	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	7.89	65	94652	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	7.86	84	723673	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	8.90	67	180702	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	681191	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	10.24	79	42313	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	10.59	63	154870	53.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	79708	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	141769	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	148972	5.073 ug/L	99
3) Chloromethane	2.01	50	208907	4.808 ug/L	96
5) Vinyl chloride	2.16	62	211052	4.961 ug/L	97
6) Bromomethane	2.53	94	131401	4.540 ug/L	85
8) Chloroethane	2.66	64	119919	4.583 ug/L	96
9) Trichlorofluoromethane	2.93	101	330593m	5.354 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	211242	5.615 ug/L	100
12) 1,1-Dichloroethene	3.65	96	201567	4.842 ug/L	84
13) Acetone	3.70	43	106429	64.978 ug/L	98
14) Carbon disulfide	3.95	76	526234	4.857 ug/L	96
15) Methyl Acetate	4.19	43	31807	5.136 ug/L #	88
16) Methylene chloride	4.40	84	171196	4.583 ug/L	90
17) Methyl tert-butyl Ether	4.91	73	199008	4.662 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	209514	4.766 ug/L	97
19) 1,1-Dichloroethane	5.70	63	315707	4.646 ug/L	97
21) 2-Butanone	6.69	43	176751	54.759 ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	193894	5.132 ug/L #	94

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QLast Update : Tue Aug 21 22:55:39 2018

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

23) Bromochloromethane	7.05	128	57684	4.981	ug/L	98
25) Chloroform	7.23	83	282045	4.778	ug/L	93
27) 1,2-Dichloroethane	8.00	62	109702	4.969	ug/L #	92
29) 1,1,1-Trichloroethane	7.43	97	213763	4.922	ug/L	98
30) Cyclohexane	7.52	56	315424	5.645	ug/L	100
31) Carbon tetrachloride	7.64	117	201761	5.294	ug/L	98
33) Benzene	7.91	78	817852	5.017	ug/L	100
34) Trichloroethene	8.71	95	185956	4.980	ug/L	97
35) Methylcyclohexane	8.96	83	353751	5.823	ug/L	98
37) 1,2-Dichloropropane	8.99	63	171587	4.795	ug/L #	97
38) Bromodichloromethane	9.28	83	155248	4.971	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	188922	5.151	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	478501	55.200	ug/L	99
42) Toluene	10.03	91	852537	5.330	ug/L	99
44) trans-1,3-Dichloropropene	10.27	75	133653	5.163	ug/L	91
45) 1,1,2-Trichloroethane	10.44	97	75158	4.760	ug/L	91
47) Tetrachloroethene	10.52	164	148604	5.204	ug/L	96
48) 2-Hexanone	10.64	43	330919	54.763	ug/L	98
49) Dibromochloromethane	10.78	129	86816	5.102	ug/L	99
50) 1,2-Dibromoethane	10.89	107	63233	5.055	ug/L #	95
51) Chlorobenzene	11.31	112	498471	5.006	ug/L	98
52) Ethylbenzene	11.39	91	945448	5.536	ug/L	96
53) m,p-Xylene	11.50	106	374892	5.481	ug/L	95
54) o-Xylene	11.83	106	342162	5.615	ug/L	99
55) Styrene	11.85	104	555871	5.646	ug/L	100
56) Isopropylbenzene	12.13	105	920716	5.960	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	78811	4.829	ug/L #	99
59) 1,2,3-Trichloropropane	12.44	75	51338	4.627	ug/L	90
61) Bromoform	12.01	173	34247	4.658	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	282144	4.988	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	312511	4.973	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	243341	4.996	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.15	75	5862	4.446	ug/L	85
67) 1,3,5-Trichlorobenzene	14.29	180	172227	5.388	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	102013	5.142	ug/L	99
69) Naphthalene	15.00	128	111198	4.539	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	79959	5.185	ug/L	99

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

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