

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092018\
 Data File : VR025778.D
 Acq On : 20 Sep 2018 15:40
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV16

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 5:09:19 PM

Quant Time: Sep 21 07:33:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 20 16:09:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	577831	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	446152	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	156911	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	124687	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	2.62	69	106800	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	3.63	63	316924	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	6.58	46	258316	58.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.62%
24) Chloroform-d	7.20	84	348987	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	7.90	65	153500	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	7.85	84	601977	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	8.90	67	182706	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	9.97	98	497301	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	10.23	79	58793	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	10.59	63	205004	53.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	80332	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	110044	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	294935	4.489 ug/L	98
3) Chloromethane	2.01	50	299508	4.632 ug/L	90
5) Vinyl chloride	2.17	62	278771	4.523 ug/L	96
6) Bromomethane	2.52	94	155691	4.777 ug/L	96
8) Chloroethane	2.65	64	159826	4.709 ug/L	97
9) Trichlorofluoromethane	2.93	101	326846m	4.588 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	178929	4.149 ug/L	100
12) 1,1-Dichloroethene	3.63	96	212497	4.558 ug/L	92
13) Acetone	3.70	43	162134	68.887 ug/L	95
14) Carbon disulfide	3.93	76	681152	4.431 ug/L	100
15) Methyl Acetate	4.19	43	54957	5.367 ug/L	92
16) Methylene chloride	4.40	84	183024	4.626 ug/L	97
17) Methyl tert-butyl Ether	4.89	73	421383	4.653 ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	264573	4.594 ug/L	97
19) 1,1-Dichloroethane	5.69	63	543246	4.660 ug/L	99
21) 2-Butanone	6.69	43	346672	54.408 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	267443	4.662 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	71971	4.612	ug/L	97
25) Chloroform	7.23	83	501477	4.653	ug/L	99
27) 1,2-Dichloroethane	7.99	62	257985	4.774	ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	471337	4.815	ug/L	100
30) Cyclohexane	7.51	56	475865	4.381	ug/L	99
31) Carbon tetrachloride	7.64	117	399812	4.725	ug/L	98
33) Benzene	7.91	78	1122488	4.986	ug/L	100
34) Trichloroethene	8.71	95	298214	4.791	ug/L	99
35) Methylcyclohexane	8.95	83	440391	4.310	ug/L	98
37) 1,2-Dichloropropane	8.99	63	249394	5.083	ug/L	99
38) Bromodichloromethane	9.28	83	305420	5.000	ug/L	100
39) cis-1,3-Dichloropropene	9.72	75	341258	5.031	ug/L	100
40) 4-Methyl-2-pentanone	9.86	43	874633	50.426	ug/L	99
42) Toluene	10.04	91	1136489	4.977	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	246902	4.949	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	106883	5.017	ug/L	94
47) Tetrachloroethene	10.51	164	169428	4.594	ug/L	96
48) 2-Hexanone	10.63	43	569415	49.320	ug/L	98
49) Dibromochloromethane	10.79	129	132694	4.989	ug/L	96
50) 1,2-Dibromoethane	10.89	107	94480	4.867	ug/L #	94
51) Chlorobenzene	11.32	112	591194	4.736	ug/L	97
52) Ethylbenzene	11.39	91	1294560	4.845	ug/L	98
53) m,p-Xylene	11.50	106	457496	4.634	ug/L	99
54) o-Xylene	11.83	106	427268	4.691	ug/L	93
55) Styrene	11.84	104	657395	4.661	ug/L	98
56) Isopropylbenzene	12.13	105	1167019	4.623	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	104531	4.707	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	84695	4.780	ug/L	98
61) Bromoform	12.01	173	49900	5.108	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	359186	4.908	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	338469	4.913	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	275633	5.055	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.14	75	15056	4.756	ug/L	96
67) 1,3,5-Trichlorobenzene	14.29	180	204418	4.909	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	136461	5.003	ug/L	98
69) Naphthalene	15.00	128	209938	5.144	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	94573	4.843	ug/L	99

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

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