

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101918\
 Data File : VR026147.D
 Acq On : 19 Oct 2018 13:31
 Operator : SY/MD
 Sample : MDL
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 MDL

Manual Integrations
 APPROVED

MMDadoda
 10/24/2018 12:17:27 PM

Quant Time: Oct 20 02:16:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 20 01:53:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	592068	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	497269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	159139	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	194391	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	2.63	69	184793	4.15	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	3.60	63	371353	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	6.59	46	224541	52.78	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.56%
24) Chloroform-d	7.20	84	353571	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	7.90	65	155299	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	7.85	84	676956	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	8.90	67	197577	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	9.97	98	599011	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	10.24	79	40817	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	10.59	63	174032	55.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76662	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	117450	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.84	85	10756m	0.270	ug/L	
3) Chloromethane	2.02	50	16556	0.262	ug/L	96
5) Vinyl chloride	2.17	62	16341m	0.260	ug/L	
6) Bromomethane	2.53	94	10374	0.250	ug/L	87
8) Chloroethane	2.66	64	11246	0.288	ug/L	96
9) Trichlorofluoromethane	2.94	101	22171m	0.244	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	18035	0.333	ug/L #	68
12) 1,1-Dichloroethene	3.63	96	19758	0.343	ug/L #	1
13) Acetone	3.69	43	13470	3.063	ug/L	98
14) Carbon disulfide	3.93	76	31786	0.211	ug/L #	89
15) Methyl Acetate	4.19	43	3477m	0.303	ug/L	
16) Methylene chloride	4.40	84	17661	0.338	ug/L	93
17) Methyl tert-butyl Ether	4.90	73	13306	0.255	ug/L #	78
18) trans-1,2-Dichloroethene	4.88	96	11123	0.255	ug/L	76
19) 1,1-Dichloroethane	5.70	63	21096	0.258	ug/L #	86
21) 2-Butanone	6.69	43	13378	2.637	ug/L	100
22) cis-1,2-Dichloroethene	6.67	96	10630	0.258	ug/L #	61

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

23) Bromochloromethane	7.04	128	3010	0.261	uq/L	74
25) Chloroform	7.22	83	22123	0.277	uq/L	87
27) 1,2-Dichloroethane	8.00	62	10683	0.274	uq/L #	90
29) 1,1,1-Trichloroethane	7.44	97	16613	0.244	uq/L	95
30) Cyclohexane	7.51	56	11187	0.164	uq/L #	94
31) Carbon tetrachloride	7.63	117	14328	0.232	uq/L	95
33) Benzene	7.90	78	51644	0.277	uq/L	100
34) Trichloroethene	8.71	95	13046	0.273	uq/L #	78
35) Methylcyclohexane	8.95	83	12679	0.178	uq/L #	74
37) 1,2-Dichloropropane	9.00	63	11096	0.282	uq/L #	91
38) Bromodichloromethane	9.28	83	10051	0.237	uq/L #	81
39) cis-1,3-Dichloropropene	9.72	75	10945	0.243	uq/L	98
40) 4-Methyl-2-pentanone	9.87	43	25518	2.123	uq/L #	86
42) Toluene	10.04	91	49786	0.253	uq/L	94
44) trans-1,3-Dichloropropene	10.26	75	9106	0.289	uq/L	98
45) 1,1,2-Trichloroethane	10.45	97	5518	0.332	uq/L #	83
47) Tetrachloroethene	10.52	164	7463	0.219	uq/L	90
48) 2-Hexanone	10.63	43	20545	2.617	uq/L #	96
49) Dibromochloromethane	10.78	129	4150	0.222	uq/L	84
50) 1,2-Dibromoethane	10.88	107	3386	0.236	uq/L	84
51) Chlorobenzene	11.31	112	26896	0.247	uq/L	98
52) Ethylbenzene	11.39	91	47949	0.212	uq/L	97
53) m,p-Xylene	11.50	106	16375	0.198	uq/L	95
54) o-Xylene	11.83	106	13638	0.180	uq/L	91
55) Styrene	11.84	104	19176	0.165	uq/L	97
56) Isopropylbenzene	12.13	105	34896	0.166	uq/L	96
58) 1,1,2,2-Tetrachloroethane	12.39	83	4838	0.287	uq/L	95
59) 1,2,3-Trichloropropane	12.43	75	3211	0.259	uq/L	93
61) Bromoform	12.01	173	1111m	0.201	uq/L	
62) 1,3-Dichlorobenzene	13.16	146	10969	0.207	uq/L	85
63) 1,4-Dichlorobenzene	13.24	146	14820	0.271	uq/L	91
65) 1,2-Dichlorobenzene	13.53	146	12001	0.283	uq/L	95
66) 1,2-Dibromo-3-chloropropan	14.15	75	615	0.356	uq/L #	85
67) 1,3,5-Trichlorobenzene	14.29	180	7758	0.241	uq/L #	92
68) 1,2,4-trichlorobenzene	14.78	180	4627	0.246	uq/L	96
69) Naphthalene	15.00	128	2956	0.162	uq/L #	89
70) 1,2,3-Trichlorobenzene	15.17	180	3160	0.242	uq/L #	90

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

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