

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081018\
 Data File : VV006996.D
 Acq On : 10 Aug 2018 20:55
 Operator : SY/MD
 Sample : MDL07
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

apatel
 8/13/2018 5:35:27 PM

Quant Time: Aug 11 00:34:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 11 00:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252565	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	247114	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97582	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65249	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.58	69	60304	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.13	63	90682	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	3.97	46	260309	55.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.04%
24) Chloroform-d	4.41	84	155863	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.09	65	84126	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	285990	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.12	67	104027	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	208544	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	7.67	79	32014	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.15	63	136676	44.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82681	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	82776	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	4602	0.19 ug/L	99
3) Chloromethane	1.25	50	4778	0.20 ug/L	97
5) Vinyl chloride	1.32	62	4663	0.19 ug/L #	66
6) Bromomethane	1.53	94	1104	0.21 ug/L	91
8) Chloroethane	1.60	64	3170	0.21 ug/L	96
9) Trichlorofluoromethane	1.77	101	5672	0.18 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4068	0.22 ug/L	89
12) 1,1-Dichloroethene	2.14	96	4043	0.22 ug/L #	1
13) Acetone	2.21	43	5761	2.39 ug/L	97
14) Carbon disulfide	2.32	76	10925	0.18 ug/L #	90
15) Methyl Acetate	2.47	43	1867	0.27 ug/L	97
16) Methylene chloride	2.54	84	7008	0.32 ug/L	98
17) Methyl tert-butyl Ether	2.82	73	8160	0.19 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	3969	0.20 ug/L	97
19) 1,1-Dichloroethane	3.23	63	6014	0.17 ug/L #	85
21) 2-Butanone	4.06	43	11178	2.13 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	4114	0.19 ug/L	92

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

23) Bromochloromethane	4.30	128	1814	0.20	ug/L	72
25) Chloroform	4.43	83	7917	0.21	ug/L	96
27) 1,2-Dichloroethane	5.19	62	4754	0.20	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	5798	0.18	ug/L	96
30) Cyclohexane	4.72	56	5325	0.16	ug/L	96
31) Carbon tetrachloride	4.87	117	4780	0.17	ug/L	90
33) Benzene	5.15	78	14794	0.17	ug/L	100
34) Trichloroethene	5.96	95	3597	0.18	ug/L	94
35) Methylcyclohexane	6.18	83	4585	0.14	ug/L	90
37) 1,2-Dichloropropane	6.23	63	4061	0.17	ug/L	99
38) Bromodichloromethane	6.56	83	4677	0.18	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	4203	0.15	ug/L	94
40) 4-Methyl-2-pentanone	7.29	43	18124	1.43	ug/L #	90
42) Toluene	7.44	91	12600	0.15	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	3670	0.16	ug/L	90
45) 1,1,2-Trichloroethane	7.89	97	2897	0.19	ug/L	93
47) Tetrachloroethene	8.02	164	2641	0.16	ug/L	90
48) 2-Hexanone	8.20	43	38659	4.33	ug/L #	95
49) Dibromochloromethane	8.30	129	3167	0.20	ug/L	98
50) 1,2-Dibromoethane	8.41	107	2228	0.17	ug/L #	78
51) Chlorobenzene	8.93	112	9091	0.17	ug/L	97
52) Ethylbenzene	9.06	91	12561	0.15	ug/L	100
53) m,p-xylene	9.19	106	4303	0.14	ug/L	96
54) o-xylene	9.59	106	4062	0.14	ug/L	93
55) Styrene	9.61	104	6123	0.13	ug/L	98
56) Isopropylbenzene	9.98	105	9519	0.13	ug/L #	96
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	3553	0.19	ug/L #	95
59) 1,2,3-Trichloropropane	10.32	75	2350	0.18	ug/L #	68
61) Bromoform	9.78	173	1536	0.21	ug/L #	92
62) 1,3-Dichlorobenzene	11.23	146	5609	0.18	ug/L	95
63) 1,4-Dichlorobenzene	11.33	146	6449	0.20	ug/L	91
65) 1,2-Dichlorobenzene	11.69	146	6124	0.20	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.49	75	413m	0.19	ug/L	
67) 1,3,5-Trichlorobenzene	12.70	180	4177	0.17	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	2564	0.15	ug/L	92
69) Naphthalene	13.56	128	3109	0.12	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.80	180	2466	0.15	ug/L #	92

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

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