

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081018\
 Data File : VV006993.D
 Acq On : 10 Aug 2018 19:35
 Operator : SY/MD
 Sample : MDL04
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

apatel
 8/13/2018 5:35:00 PM

Quant Time: Aug 13 09:10:34 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	242771	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235411	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94969	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66652	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.58	69	60631	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.13	63	90940	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.97	46	227739	50.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	4.41	84	154717	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.09	65	80391	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	279808	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.13	67	100045	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.37	98	206969	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.67	79	29838	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.15	63	117463	39.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.86%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74540	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	80008	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	3956	0.17 ug/L	95
3) Chloromethane	1.25	50	4303	0.19 ug/L #	82
5) Vinyl chloride	1.32	62	4293	0.18 ug/L #	75
6) Bromomethane	1.54	94	898	0.18 ug/L	95
8) Chloroethane	1.60	64	2555	0.18 ug/L	88
9) Trichlorofluoromethane	1.77	101	4919	0.16 ug/L	85
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3779	0.21 ug/L	89
12) 1,1-Dichloroethene	2.14	96	3641	0.21 ug/L #	1
13) Acetone	2.20	43	4444	1.92 ug/L	87
14) Carbon disulfide	2.32	76	9795	0.17 ug/L #	82
15) Methyl Acetate	2.47	43	1440	0.22 ug/L	92
16) Methylene chloride	2.54	84	4972	0.24 ug/L	93
17) Methyl tert-butyl Ether	2.82	73	6949	0.17 ug/L	93
18) trans-1,2-Dichloroethene	2.79	96	3354	0.18 ug/L	92
19) 1,1-Dichloroethane	3.23	63	5722	0.17 ug/L	98
21) 2-Butanone	4.06	43	7845	1.56 ug/L	79
22) cis-1,2-Dichloroethene	3.97	96	4045	0.19 ug/L	93

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

23) Bromochloromethane	4.31	128	1521	0.18	ug/L #	67
25) Chloroform	4.43	83	7204	0.20	ug/L	85
27) 1,2-Dichloroethane	5.19	62	3780	0.16	ug/L #	88
29) 1,1,1-Trichloroethane	4.66	97	5605	0.18	ug/L	94
30) Cyclohexane	4.72	56	4604	0.14	ug/L	96
31) Carbon tetrachloride	4.88	117	3965	0.15	ug/L	96
33) Benzene	5.15	78	13341	0.16	ug/L	100
34) Trichloroethene	5.96	95	2966	0.15	ug/L	88
35) Methylcyclohexane	6.18	83	4290	0.14	ug/L	96
37) 1,2-Dichloropropane	6.23	63	3384	0.15	ug/L #	87
38) Bromodichloromethane	6.56	83	4078	0.16	ug/L #	89
39) cis-1,3-Dichloropropene	7.08	75	3949	0.15	ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	14738	1.22	ug/L #	89
42) Toluene	7.44	91	12129	0.15	ug/L	95
44) trans-1,3-Dichloropropene	7.70	75	3146m	0.14	ug/L	
45) 1,1,2-Trichloroethane	7.89	97	2273	0.16	ug/L	93
47) Tetrachloroethene	8.03	164	2680	0.17	ug/L	94
48) 2-Hexanone	8.20	43	29550	3.47	ug/L	95
49) Dibromochloromethane	8.30	129	2188	0.14	ug/L	97
50) 1,2-Dibromoethane	8.40	107	1810	0.15	ug/L #	91
51) Chlorobenzene	8.93	112	7173	0.14	ug/L	85
52) Ethylbenzene	9.06	91	10427	0.13	ug/L	99
53) m,p-xylene	9.19	106	3963	0.14	ug/L	87
54) o-xylene	9.59	106	3472	0.13	ug/L	92
55) Styrene	9.61	104	5048	0.11	ug/L	100
56) Isopropylbenzene	9.98	105	8830	0.12	ug/L #	96
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	3030	0.17	ug/L #	68
59) 1,2,3-Trichloropropane	10.32	75	1919	0.15	ug/L #	64
61) Bromoform	9.78	173	1131	0.16	ug/L #	83
62) 1,3-Dichlorobenzene	11.23	146	4655	0.15	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	5182	0.16	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	4965	0.16	ug/L #	88
66) 1,2-Dibromo-3-chloropropan	12.48	75	376	0.18	ug/L #	66
67) 1,3,5-Trichlorobenzene	12.70	180	3331	0.14	ug/L	94
68) 1,2,4-trichlorobenzene	13.32	180	2112	0.12	ug/L	90
69) Naphthalene	13.56	128	2596	0.11	ug/L #	90
70) 1,2,3-Trichlorobenzene	13.81	180	1917	0.12	ug/L #	94

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

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