

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007523.D
 Acq On : 13 Sep 2018 21:31
 Operator : SY/MD
 Sample : J4864-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D08

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 12:29:30 PM

Quant Time: Sep 14 06:44:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 05:10:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159832	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	143199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80059	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108856	13.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	260.80%#
7) Chloroethane-d5	1.58	69	29970	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.15	63	580004	33.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	667.60%#
20) 2-Butanone-d5	3.96	46	1853	1.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	3.18%#
24) Chloroform-d	4.41	84	74979	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.09	65	36347	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.10	84	144072	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.13	67	42508	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.36	98	146941	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	18916	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	52904	73.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.92%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	32969	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	60981	4.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.25	50	1917	0.255	ug/L	98
5) Vinyl chloride	1.32	62	8581940	1022.126	ug/L	92
8) Chloroethane	1.60	64	224059	43.786	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3187	0.353	ug/L #	30
12) 1,1-Dichloroethene	2.15	96	1109374	136.754	ug/L #	66
13) Acetone	2.23	43	26151	34.384	ug/L #	35
14) Carbon disulfide	2.33	76	6691	0.282	ug/L	97
15) Methyl Acetate	2.48	43	9153	4.391	ug/L	95
16) Methylene chloride	2.54	84	4817799	549.443	ug/L	93
18) trans-1,2-Dichloroethene	2.79	96	44929	5.091	ug/L	98
19) 1,1-Dichloroethane	3.23	63	5211351	405.011	ug/L	98
21) 2-Butanone	4.06	43	56108	43.976	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	34457168m	3961.177	ug/L	
25) Chloroform	4.44	83	14639	0.996	ug/L	91
27) 1,2-Dichloroethane	5.19	62	53265	6.292	ug/L #	92
29) 1,1,1-Trichloroethane	4.67	97	7743147	555.993	ug/L	98
30) Cyclohexane	4.73	56	8798	0.725	ug/L	87

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33) Benzene	5.15	78	25663	0.868	ug/L	100
34) Trichloroethene	5.97	95	9898605	1091.462	ug/L	97
35) Methylcyclohexane	6.18	83	23352	1.667	ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	14674	3.647	ug/L #	87
42) Toluene	7.43	91	735004	21.516	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	51853	9.529	ug/L	97
47) Tetrachloroethene	8.02	164	4418	0.543	ug/L	93
52) Ethylbenzene	9.06	91	2466981	64.110	ug/L	98
53) m,p-xylene	9.19	106	3057910	205.114	ug/L	98
54) o-xylene	9.59	106	1274169	87.274	ug/L	98
56) Isopropylbenzene	9.98	105	228996	5.777	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	2259	0.112	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	1939	0.096	ug/L	97

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

