

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007524.D
 Acq On : 13 Sep 2018 21:58
 Operator : SY/MD
 Sample : J4864-03
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D09

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 12:29:47 PM

Quant Time: Sep 14 06:49:42 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	163091	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144726	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82513	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117956	13.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	277.00%#
7) Chloroethane-d5	1.58	69	31255	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.14	63	635321	35.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	716.60%#
20) 2-Butanone-d5	3.96	46	6872m	5.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	11.56%#
24) Chloroform-d	4.41	84	75066	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.09	65	38149	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.10	84	142683	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.13	67	41271	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.36	98	144067	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.67	79	18933	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.14	63	58320	80.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	161.34%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	33905	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	61610	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.25	50	2804	0.365	ug/L	93
5) Vinyl chloride	1.32	62	9465941	1104.884	ug/L	89
8) Chloroethane	1.60	64	286281	54.827	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3470	0.376	ug/L #	27
12) 1,1-Dichloroethene	2.14	96	1236816	149.417	ug/L #	65
13) Acetone	2.22	43	44318	57.105	ug/L	70
14) Carbon disulfide	2.32	76	5271	0.218	ug/L #	75
15) Methyl Acetate	2.48	43	12124	5.700	ug/L	90
16) Methylene chloride	2.54	84	6126787	684.764	ug/L	91
18) trans-1,2-Dichloroethene	2.79	96	48047	5.335	ug/L	97
19) 1,1-Dichloroethane	3.23	63	6357479	484.211	ug/L	98
21) 2-Butanone	4.07	43	71663	55.046	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	36221847m	4080.834	ug/L	
25) Chloroform	4.43	83	16645	1.109	ug/L	92
27) 1,2-Dichloroethane	5.19	62	66185	7.662	ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	8324663	591.442	ug/L	98
30) Cyclohexane	4.72	56	9361	0.763	ug/L #	83

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33) Benzene	5.15	78	28236	0.945	ug/L	100
34) Trichloroethene	5.97	95	10034414	1094.763	ug/L	97
35) Methylcyclohexane	6.18	83	25486	1.800	ug/L	94
40) 4-Methyl-2-pentanone	7.29	43	21868	5.378	ug/L	98
42) Toluene	7.43	91	846296	24.512	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	65412	11.894	ug/L	98
47) Tetrachloroethene	8.02	164	4163	0.506	ug/L	89
52) Ethylbenzene	9.06	91	2718581	69.903	ug/L	98
53) m,p-xylene	9.19	106	3385901	224.718	ug/L	95
54) o-xylene	9.59	106	1396568	94.648	ug/L	99
56) Isopropylbenzene	9.98	105	281430	7.025	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	2571	0.123	ug/L	92

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

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