

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007522.D
 Acq On : 13 Sep 2018 21:04
 Operator : SY/MD
 Sample : J4864-01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D07

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 12:29:15 PM

Quant Time: Sep 14 05:56:16 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	5.69	114	146176m	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.92	117	140788	5.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.30	152	88813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	306214	40.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	802.20%#
7) Chloroethane-d5	1.59	69	23093	3.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	2.15	63	11743529	739.02	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	14780.40%#
20) 2-Butanone-d5	3.96	46	11285m	10.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	21.20%#
24) Chloroform-d	4.45	84	81825	5.22	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.14	65	31040	4.04	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.16	84	129136	4.04	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.30	67	31733	3.33	ug/L	0.17
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.60%
41) Toluene-d8	7.39	98	135627	4.08	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.69	79	18823	4.28	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.16	63	57920	82.36	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	164.72%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	34651	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	66303	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	8352	1.214 ug/L	99
5) Vinyl chloride	1.31	62	26065791m	3394.514 ug/L	
8) Chloroethane	1.60	64	2764425	590.696 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	66298	8.022 ug/L #	23
12) 1,1-Dichloroethene	2.15	96	24808488	3343.864 ug/L #	53
13) Acetone	2.31	43	229662m	330.171 ug/L	
14) Carbon disulfide	2.33	76	18394	0.847 ug/L	97
16) Methylene chloride	2.52	84	59248040	7388.152 ug/L	85
18) trans-1,2-Dichloroethene	2.82	96	434820	53.871 ug/L	99
19) 1,1-Dichloroethane	3.27	63	38725151	3290.765 ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	90886659m	11424.374 ug/L	
23) Bromochloromethane	4.37	128	34961	10.025 ug/L	95
25) Chloroform	4.47	83	430586	32.019 ug/L	99
27) 1,2-Dichloroethane	5.24	62	816114	105.412 ug/L	100
29) 1,1,1-Trichloroethane	4.69	97	84590077m	6177.970 ug/L	
33) Benzene	5.21	78	231483	7.962 ug/L	100
34) Trichloroethene	6.16	95	143381282m	16080.576 ug/L	

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40) 4-Methyl-2-pentanone	7.32	43	201583	50.964	ug/L	99
42) Toluene	7.47	91	8283632	246.639	ug/L	96
45) 1,1,2-Trichloroethane	7.91	97	1123462	210.003	ug/L	98
47) Tetrachloroethene	8.05	164	216693	27.065	ug/L	98
48) 2-Hexanone	8.22	43	17547	5.843	ug/L	98
51) Chlorobenzene	8.95	112	5527	0.245	ug/L	96
52) Ethylbenzene	9.08	91	19429906m	513.577	ug/L	
53) m,p-xylene	9.21	106	25404883m	1733.250	ug/L	
54) o-xylene	9.62	106	12711628	885.591	ug/L #	41
56) Isopropylbenzene	9.99	105	1965316	50.427	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	21100	4.027	ug/L	90
62) 1,3-Dichlorobenzene	11.23	146	5239	0.233	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	6097	0.272	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	2543	0.122	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	6581	0.522	ug/L #	82

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

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