

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016257.D
 Acq On : 28 May 2020 03:24
 Operator : SY/MD
 Sample : L2766-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE4Z3

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 11:55:32 AM

Quant Time: May 28 08:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	102175	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	96045	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	46937	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25395	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.58	69	24845	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.13	63	37886	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.94	46	78403	48.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.34%
24) Chloroform-d	4.38	84	55022	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.06	65	31001	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.08	84	109321	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	33596	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.34	98	97335	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
45) trans-1,3-Dichloropropene-	7.65	79	11012	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
48) 2-Hexanone-d5	8.12	63	56773	45.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24074	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	36328	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

					Ovalue
8) Chloroethane	1.60	64	9239	1.848 ug/L #	74
13) Acetone	2.22	43	3023m	3.000 ug/L	
17) Methyl tert-butyl Ether	2.79	73	11001	0.741 ug/L #	1
25) Chloroform	4.41	83	10529	0.794 ug/L	98
30) Cyclohexane	4.70	56	4402	0.360 ug/L	98
33) Benzene	5.13	78	838509	30.338 ug/L	100
35) Methylcyclohexane	6.15	83	3749	0.309 ug/L	94
42) Toluene	7.41	91	11285	0.374 ug/L	93
53) Chlorobenzene	8.90	112	102058	5.480 ug/L	100
54) Ethylbenzene	9.04	91	14172	0.422 ug/L	97
55) m,p-xylene	9.16	106	59590	4.730 ug/L	98
56) o-xylene	9.57	106	5644	0.470 ug/L	97
58) Isopropylbenzene	9.95	105	55946	1.701 ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	8251	0.567 ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	13579	1.049 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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