

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015755.D
 Acq On : 28 Apr 2020 18:49
 Operator : SY/MD
 Sample : L2421-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSB2

Quant Time: Apr 29 02:41:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 00:40:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	127125	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61017	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23318	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.58	69	26358	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.12	63	40971	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	3.92	46	116802	54.76	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.52%
24) Chloroform-d	4.38	84	74191	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	42727	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.08	84	133718	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.10	67	43931	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.34	98	121862	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.65	79	14401	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.11	63	81816	46.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32753	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	50390	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	1767	0.176	ug/L #	67
12) 1,1-Dichloroethene	2.13	96	1404	0.190	ug/L #	1
13) Acetone	2.20	43	67356	45.473	ug/L	100
17) Methyl tert-butyl Ether	2.78	73	5040239	242.676	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	3116	0.376	ug/L	96
19) 1,1-Dichloroethane	3.21	63	8500	0.523	ug/L	99
21) 2-Butanone	4.01	43	71421	31.260	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	140613	15.351	ug/L	97
29) 1,1,1-Trichloroethane	4.64	97	5520	0.356	ug/L	99
30) Cyclohexane	4.70	56	1281	0.086	ug/L #	94
33) Benzene	5.13	78	58398	1.671	ug/L	100
34) Trichloroethene	5.94	95	1108213	114.854	ug/L	98
35) Methylcyclohexane	6.15	83	1460	0.099	ug/L #	50
40) 4-Methyl-2-pentanone	7.26	43	11021	1.912	ug/L #	89
42) Toluene	7.41	91	533710	14.297	ug/L	99
47) Tetrachloroethene	8.00	164	906	0.130	ug/L	94
52) Ethylbenzene	9.04	91	130660	3.024	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-xylene	9.16	106	156064	9.862	ug/L	98
54) o-xylene	9.57	106	69932	4.567	ug/L	96
56) Isopropylbenzene	9.95	105	8563	0.199	ug/L	99

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

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