

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015788.D
 Acq On : 29 Apr 2020 13:29
 Operator : SY/MD
 Sample : L2410-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFE0

Quant Time: May 05 08:38:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	137411	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	135087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	65863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39717	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.57	69	34744	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.12	63	75713	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	3.90	46	92293	40.03	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.06%
24) Chloroform-d	4.38	84	64419	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
26) 1,2-Dichloroethane-d4	5.06	65	40636	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.07	84	143135	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.09	67	42865	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	7.34	98	125451	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.64	79	14477	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.11	63	70730	36.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29161	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	46302	4.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.80%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	45986	4.516	ug/L 99
6) Bromomethane	1.53	94	23388	5.009	ug/L 98
9) Trichlorofluoromethane	1.76	101	129642	8.495	ug/L 100
12) 1,1-Dichloroethene	2.13	96	30609	3.827	ug/L 93
13) Acetone	2.18	43	114026	71.218	ug/L 96
14) Carbon disulfide	2.31	76	137557	6.084	ug/L 99
16) Methylene chloride	2.52	84	24381	2.469	ug/L 95
17) Methyl tert-butyl Ether	2.78	73	203922	9.083	ug/L 99
19) 1,1-Dichloroethane	3.21	63	175328	9.971	ug/L 99
21) 2-Butanone	3.98	43	277890	112.523	ug/L 98
25) Chloroform	4.40	83	10306	0.552	ug/L 98
27) 1,2-Dichloroethane	5.16	62	97004	7.910	ug/L 98
29) 1,1,1-Trichloroethane	4.63	97	149953	8.753	ug/L 99
30) Cyclohexane	4.70	56	198675	12.139	ug/L 99
34) Trichloroethene	5.94	95	57143	5.361	ug/L 98
35) Methylcyclohexane	6.15	83	111547	6.819	ug/L 100
37) 1,2-Dichloropropane	6.20	63	22241	2.267	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.41	91	370788	8.991	ug/L	98
47) Tetrachloroethene	8.00	164	69760	9.090	ug/L	97
48) 2-Hexanone	8.16	43	236499	52.088	ug/L	99
50) 1,2-Dibromoethane	8.37	107	100980	16.330	ug/L	96
51) Chlorobenzene	8.90	112	292477	10.826	ug/L	98
52) Ethylbenzene	9.03	91	323077	6.770	ug/L	99
53) m,p-xylene	9.16	106	247513	14.159	ug/L	100
54) o-xylene	9.57	106	96328	5.695	ug/L	96
55) Styrene	9.58	104	162389	5.658	ug/L	100
56) Isopropylbenzene	9.95	105	161628	3.406	ug/L	99
61) Bromoform	9.76	173	14670	5.396	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	92554	4.403	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	239422	12.699	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	4915	4.002	ug/L	89
70) 1,2,3-Trichlorobenzene	13.77	180	129373	10.339	ug/L	99

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

