

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016306.D
 Acq On : 29 May 2020 03:56
 Operator : SY/MD
 Sample : L2662-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B13

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 4:27:02 PM

Quant Time: May 29 06:28:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 04:21:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	111877	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	104455	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	53207	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27135	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.58	69	19901	3.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.00%#
11) 1,1-Dichloroethene-d2	2.12	63	37924	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	3.97	46	46507	26.09	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	52.18%
24) Chloroform-d	4.38	84	57808	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.06	65	29643	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
32) Benzene-d6	5.07	84	119475	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.10	67	35685	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.34	98	108094	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
45) trans-1,3-Dichloropropene-	7.65	79	11644	3.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.00%
48) 2-Hexanone-d5	8.12	63	53969	39.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23289	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	41014	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	10565	1.078	ug/L #	1
13) Acetone	2.23	43	9734m	8.823	ug/L	
14) Carbon disulfide	2.31	76	3081	0.151	ug/L	100
18) trans-1,2-Dichloroethene	2.77	96	1194	0.165	ug/L	92
21) 2-Butanone	4.06	43	25562	13.025	ug/L #	77
22) cis-1,2-Dichloroethene	3.93	96	22568	2.642	ug/L	88
33) Benzene	5.12	78	66796	2.222	ug/L	100
34) Trichloroethene	5.94	95	1981	0.253	ug/L	91
42) Toluene	7.41	91	118148	3.604	ug/L	99
54) Ethylbenzene	9.03	91	173424	4.746	ug/L	99
55) m,p-xylene	9.16	106	85105	6.211	ug/L	97
56) o-xylene	9.56	106	53655	4.109	ug/L	95
58) Isopropylbenzene	9.95	105	14867	0.416	ug/L	97

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

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