

Data File : VV014395.D
Acq On : 24 Jan 2020 17:58
Operator : SY/MD
Sample : L1253-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 25 02:03:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	896869	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.90	117	811778	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.29	152	351398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.33	65	180015	2.87	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.40%
7) Chloroethane-d5	1.60	69	172778	3.56	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.20%
11) 1,1-Dichloroethene-d2	2.15	63	212195	2.29	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.80%#
20) 2-Butanone-d5	4.02	46	387411	25.70	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.40%
24) Chloroform-d	4.41	84	365767	3.02	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.40%#
26) 1,2-Dichloroethane-d4	5.10	65	288681	4.75	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	1097791	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.15	67	383650	5.11	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.39	98	871639	3.94	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	7.68	79	127594	3.84	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.15	63	771638	54.85	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	280399	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	310766	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

						Qvalue
5) Vinyl chloride	1.33	62	57775m	0.920	ug/L	
14) Carbon disulfide	2.34	76	59519m	0.335	ug/L	
15) Methyl Acetate	2.51	43	42302	1.750	ug/L #	89
16) Methylene chloride	2.56	84	81985	1.257	ug/L	87
18) trans-1,2-Dichloroethene	2.81	96	36483	0.606	ug/L	98
19) 1,1-Dichloroethane	3.24	63	107800	0.913	ug/L	99
21) 2-Butanone	4.10	43	30252	1.943	ug/L	89
22) cis-1,2-Dichloroethene	3.98	96	8438570	127.808	ug/L #	100
25) Chloroform	4.44	83	11741	0.104	ug/L	86
27) 1,2-Dichloroethane	5.20	62	9948	0.147	ug/L	95
33) Benzene	5.15	78	35288	0.141	ug/L	100
34) Trichloroethene	5.99	95	15171026	236.141	ug/L	96
45) 1,1,2-Trichloroethane	7.90	97	40327	1.000	ug/L	94
47) Tetrachloroethene	8.04	164	51175	1.166	ug/L	97

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

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