Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052020\
Data File : VV016130.D
Acq On : 20 May 2020 14:43
Operator : SY/MD
Sample : L2725-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 21 03:08:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142878	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140363	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69987	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34107	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.58	69	37101	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.00%			
11) 1,1-Dichloroethene-d2	2.13	63	61001	3.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.20%			
20) 2-Butanone-d5	3.91	46	122785	55.53	ug/L	-0.08
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.06%			
24) Chloroform-d	4.38	84	74419	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
26) 1,2-Dichloroethane-d4	5.06	65	49633	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.08	84	164817	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.10	67	54097	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	7.34	98	144156	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
45) trans-1,3-Dichloropropene-	7.65	79	17051	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
48) 2-Hexanone-d5	8.11	63	94362	53.68	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.36%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38858	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	57803	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	166873	15.744	ug/L	100
12) 1,1-Dichloroethene	2.14	96	7291	0.927	ug/L #	1
13) Acetone	2.20	43	2686m	1.842	ug/L	
18) trans-1,2-Dichloroethene	2.78	96	26829	3.088	ug/L	100
19) 1,1-Dichloroethane	3.23	63	2049	0.122	ug/L #	88
22) cis-1,2-Dichloroethene	3.94	96	842112	92.578	ug/L	99
25) Chloroform	4.41	83	16187	0.878	ug/L	92
27) 1,2-Dichloroethane	5.16	62	77665	6.858	ug/L	99
30) Cyclohexane	4.71	56	1875	0.121	ug/L	94
33) Benzene	5.13	78	41174	1.166	ug/L	100
34) Trichloroethene	5.94	95	321834	31.929	ug/L	94
47) 1,1,2-Trichloroethane	7.86	97	9234	1.541	ug/L	93
49) Tetrachloroethene	8.00	164	10621	1.510	ug/L	97
53) Chlorobenzene	8.90	112	148477	6.168	ug/L	98
56) o-xylene	9.57	106	3749	0.249	ug/L	76
63) 1,3-Dichlorobenzene	11.21	146	5275	0.280	ug/L	96
64) 1,4-Dichlorobenzene	11.30	146	29341	1.549	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,2-Dichlorobenzene	11.67	146	107179	6.280	ug/L	98

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

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