Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052020\
Data File : VV016132.D
Acq On : 20 May 2020 15:29
Operator : SY/MD
Sample : L2725-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: May 21 03:25:49 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	149099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	147466	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73331	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	33849	4.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.60%			
7) Chloroethane-d5	1.58	69	35152	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.80%			
11) 1,1-Dichloroethene-d2	2.13	63	64287	3.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.00%			
20) 2-Butanone-d5	3.92	46	121143	52.50	ug/L	-0.07
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.00%			
24) Chloroform-d	4.38	84	63927	3.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 72.40%			
26) 1,2-Dichloroethane-d4	5.06	65	48409	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.08	84	161481	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.10	67	52105	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.34	98	141306	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.20%			
45) trans-1,3-Dichloropropene-	7.65	79	16772	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
48) 2-Hexanone-d5	8.12	63	92406	50.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.08%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38814	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	57056	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	216538	19.577	ug/L	100
12) 1,1-Dichloroethene	2.14	96	14553	1.774	ug/L #	57
13) Acetone	2.22	43	2390m	1.570	ug/L	
18) trans-1,2-Dichloroethene	2.78	96	95055	10.483	ug/L	99
19) 1,1-Dichloroethane	3.22	63	2942	0.168	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	1307635	137.757	ug/L	99
25) Chloroform	4.41	83	26367	1.371	ug/L	97
27) 1,2-Dichloroethane	5.16	62	203483	17.218	ug/L	99
33) Benzene	5.13	78	53342	1.438	ug/L	100
34) Trichloroethene	5.94	95	742734	70.138	ug/L	96
42) Toluene	7.41	91	4275	0.109	ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	104172	16.549	ug/L	97
49) Tetrachloroethene	8.00	164	3991	0.540	ug/L	93
53) Chlorobenzene	8.90	112	73601	2.910	ug/L	95
56) o-xylene	9.57	106	9210	0.582	ug/L	85
60) 1,1,2,2-Tetrachloroethane	10.26	83	41287	6.138	ug/L	99
63) 1,3-Dichlorobenzene	11.21	146	6071	0.307	ug/L	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
64) 1,4-Dichlorobenzene	11.30	146	33331	1.679 ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	133824	7.484 ug/L	98

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

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