Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005752.D
Acq On : 18 May 2019 14:43
Operator : JU/SJ
Sample : K2690-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A5112

Quant Time: May 20 04:11:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 20 03:44:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	89973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	415778	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	294507	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	751144	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	808967	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	943066	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	6926	4.31	ng/uL	0.00
5) Phenol-d5	6.76	99	189409	27.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	97470	26.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	153317	27.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	160278	26.96	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	83017	27.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	97927	28.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	188859	28.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	218056	29.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	663171	29.26	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	777815	28.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	100275	31.41	ng/ul	0.00
57) Fluorene-d10	15.22	176	554725	28.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	115436	25.57	ng/ul	0.00
70) Anthracene-d10	17.07	188	916936	28.26	ng/ul	0.00
78) Pyrene-d10	19.39	212	1139168	28.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1242830	29.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	38293	22.634	ng/uL	92
4) Benzaldehyde	6.73	77	165749	32.930	ng/ul	98
6) Phenol	6.79	94	266224	37.560	ng/ul	97
10) 2-Chlorophenol	7.15	128	138770	24.509	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.37	70	131733	28.655	ng/ul#	92
20) Nitrobenzene	8.76	77	151604	21.730	ng/ul	94
23) 2-Nitrophenol	9.47	139	87303	24.062	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	168459	26.324	ng/ul	96
28) Naphthalene	10.38	128	347042	17.473	ng/ul	98
31) Hexachlorobutadiene	10.66	225	116584	24.976	ng/ul	95
33) 4-Chloro-3-methylphenol	11.64	107	311481	43.031	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	192794	20.333	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.64	196	216955	36.964	ng/ul	99
40) 1,1'-Biphenyl	13.04	154	576617	26.926	ng/ul#	96
41) 2-Chloronaphthalene	13.08	162	283582	16.765	ng/ul	96
44) Dimethylphthalate	13.68	163	641062	28.693	ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	118626	25.197	ng/ul	90
49) Acenaphthene	14.27	153	401138	22.330	ng/ul	99
52) 4-Nitrophenol	14.47	109	83906	28.143	ng/ul	93
53) Dibenzofuran	14.62	168	499691	18.748	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.86	232	136782	23.892	ng/ul	93
59) 4-Chlorophenyl-phenylether	15.27	204	202652	17.135	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.39	198	197901	43.757	ng/ul#	89

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
66) Hexachlorobenzene	16.29	284	181036	20.516 ng/ul#	91
68) Pentachlorophenol	16.64	266	156385	38.412 ng/ul	96
69) Phenanthrene	17.02	178	678710	18.228 ng/ul	99
71) Anthracene	17.11	178	775965	20.468 ng/ul	99
74) Carbazole	17.39	167	724173	21.666 ng/ul	99
75) Di-n-butylphthalate	17.95	149	736501	18.446 ng/ul	100
76) Fluoranthene	19.05	202	1897819	41.227 ng/ul#	93
79) Pyrene	19.42	202	1377911	27.737 ng/ul#	90
80) Butylbenzylphthalate	20.34	149	344311	16.918 ng/ul	92
82) Benzo(a)anthracene	21.20	228	1746362	34.266 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.13	149	632078	21.889 ng/ul#	97
84) Chrysene	21.25	228	1199258	24.962 ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	1301710	25.090 ng/ul#	96
90) Benzo(a)pyrene	23.33	252	1174872	23.386 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.64	276	1665952	27.123 ng/ul#	93
92) Dibenzo(a,h)anthracene	25.64	278	1086323	21.010 ng/ul#	95

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

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