Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052319\
Data File : BN005886.D
Acq On : 23 May 2019 18:15
Operator : JU/SJ
Sample : K2923-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42E7

Quant Time: May 23 18:50:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	66146	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	296571	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	199540	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	503894	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	566475	20.00	ng/ul	0.01
85) Perylene-d12	23.41	264	546856	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	6790	5.75	ng/uL	-0.01
5) Phenol-d5	6.76	99	127252	24.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	66221	24.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	103974	25.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	92848	21.24	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	54596	25.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	57631	23.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	125025	26.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	98301	18.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	430910	28.07	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	528860	28.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	49150	22.72	ng/ul	0.00
57) Fluorene-d10	15.20	176	389500	29.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	35453	11.71	ng/ul	0.00
70) Anthracene-d10	17.06	188	633830	29.12	ng/ul	0.00
78) Pyrene-d10	19.38	212	800183	28.67	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	746751	30.44	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	22773	18.309	ng/uL	95
4) Benzaldehyde	6.72	77	114504	30.943	ng/ul	96
6) Phenol	6.78	94	172345	33.074	ng/ul	93
10) 2-Chlorophenol	7.13	128	94697	22.750	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.36	70	78736	23.297	ng/ul	92
20) Nitrobenzene	8.75	77	103436	20.786	ng/ul	94
23) 2-Nitrophenol	9.46	139	52782	20.395	ng/ul#	91
27) 2,4-Dichlorophenol	10.00	162	111597	24.448	ng/ul	95
28) Naphthalene	10.37	128	230418	16.264	ng/ul	98
31) Hexachlorobutadiene	10.65	225	88855	26.687	ng/ul	98
33) 4-Chloro-3-methylphenol	11.64	107	198827	38.509	ng/ul	96
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	136809	21.295	ng/ul	95
38) 2,4,6-Trichlorophenol	12.63	196	154356	38.814	ng/ul	98
40) 1,1'-Biphenyl	13.02	154	380083	26.195	ng/ul#	96
41) 2-Chloronaphthalene	13.06	162	186101	16.239	ng/ul	100
44) Dimethylphthalate	13.66	163	398446	26.322	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	69638	21.832	ng/ul	98
49) Acenaphthene	14.26	153	265678	21.828	ng/ul	98
52) 4-Nitrophenol	14.48	109	52622	26.051	ng/ul#	81
53) Dibenzofuran	14.60	168	326384	18.074	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.86	232	92745	23.910	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.26	204	135194	16.871	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.39	198	61833	20.380	ng/ul#	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
66) Hexachlorobenzene	16.27	284	121078	20.454 ng/ul#	93
68) Pentachlorophenol	16.63	266	106522	39.003 ng/ul	95
69) Phenanthrene	17.00	178	452466	18.115 ng/ul	99
71) Anthracene	17.10	178	529253	20.810 ng/ul	99
74) Carbazole	17.37	167	424344	18.925 ng/ul	99
75) Di-n-butylphthalate	17.94	149	438943	16.388 ng/ul	99
76) Fluoranthene	19.04	202	1296459	41.982 ng/ul#	89
79) Pyrene	19.41	202	951315	27.347 ng/ul#	87
80) Butylbenzylphthalate	20.33	149	207763	14.578 ng/ul	93
82) Benzo(a)anthracene	21.19	228	1199835	33.621 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	375911	18.591 ng/ul#	96
84) Chrysene	21.24	228	825481	24.537 ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	795983	26.458 ng/ul#	96
90) Benzo(a)pyrene	23.32	252	684961	23.512 ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.61	276	842128	23.644 ng/ul#	91
92) Dibenzo(a,h)anthracene	25.61	278	550638	18.366 ng/ul#	92

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

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