Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN032018\
Data File : BN000510.D
Acq On : 21 Mar 2018 01:19
Operator : JU/SJ
Sample : J1905-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM49

Manual Integrations APPROVED
Sohil
3/22/2018 6:48:19 PM

Quant Time: Mar 28 03:18:23 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 21 00:17:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	204820	20.00	ng/ul	0.01
18) Naphthalene-d8	11.27	136	710339	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.05	164	349646	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.92	188	624023m	20.00	ng/ul	0.16
75) Chrysene-d12	21.89	240	630328	20.00	ng/ul	0.01
83) Perylene-d12	24.38	264	663856	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	33462	5.84	ng/uL	0.00
5) Phenol-d5	7.73	99	497480m	26.03	ng/ul	0.18
7) Bis-(2-Chloroethyl)ether-d	7.73	67	283523	25.72	ng/ul	0.01
9) 2-Chlorophenol-d4	8.01	132	221490	15.33	ng/ul	0.07
13) 4-Methylphenol-d8	9.21	113	287950m	19.35	ng/ul	0.09
19) Nitrobenzene-d5	9.62	128	183326	31.78	ng/ul	0.02
22) 2-Nitrophenol-d4	10.35	143	142314	23.81	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.92	165	292463	27.30	ng/ul	0.06
29) 4-Chloroaniline-d4	11.42	131	10140	0.92	ng/ul	0.04
43) Dimethylphthalate-d6	14.48	166	724666	26.23	ng/ul	0.05
46) Acenaphthylene-d8	14.75	160	937598	25.73	ng/ul	0.01
51) 4-Nitrophenol-d4	15.24	143	33247	6.48	ng/ul	0.03
57) Fluorene-d10	16.05	176	627624	26.66	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	16.18	200	259968m	72.74	ng/ul	0.05
70) Anthracene-d10	18.00	188	823661m	27.46	ng/ul	0.14
76) Pyrene-d10	20.14	212	889684	25.57	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.22	264	850762	27.15	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.75	94	116750m	5.989	ng/ul	
16) 4-Methylphenol	9.28	108	36655m	2.395	ng/ul	
21) Isophorone	10.21	82	7286420	268.393	ng/ul#	92
28) Naphthalene	11.32	128	570812	15.302	ng/ul#	94
34) 2-Methylnaphthalene	12.90	142	582330	23.382	ng/ul	98
38) 2,4,6-Trichlorophenol	13.52	196	392705	55.115	ng/ul	98
39) 2,4,5-Trichlorophenol	13.61	196	173479m	23.350	ng/ul	
40) 1,1'-Biphenyl	13.88	154	37472	1.259	ng/ul#	11
44) Dimethylphthalate	14.49	163	194084	7.103	ng/ul#	80
47) Acenaphthylene	14.77	152	92906	2.602	ng/ul#	54
49) Acenaphthene	15.11	153	138311	5.682	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.76	232	17672668m	3115.035	ng/ul	
58) Fluorene	16.11	166	136058	5.179	ng/ul#	88
68) Pentachlorophenol	17.48	266	49462512m	13950.160	ng/ul	
69) Phenanthrene	17.96	178	899964m	25.034	ng/ul	
71) Anthracene	18.03	178	218098m	5.917	ng/ul	
72) Carbazole	18.24	167	296856m	9.391	ng/ul	
74) Fluoranthene	19.81	202	1085142	30.376	ng/ul#	76
77) Pyrene	20.17	202	855821	18.589	ng/ul#	73
80) Benzo(a)anthracene	21.88	228	270574	6.443	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	70453	2.122	ng/ul#	89
82) Chrysene	21.93	228	234789m	5.963	ng/ul	
85) Benzo(b)fluoranthene	23.62	252	239317	5.705	ng/ul#	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(a)pyrene	24.27	252	146081	3.700	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	26.94	276	77045	1.810	ng/ul#	82
91) Benzo(g,h,i)perylene	27.72	276	64871	1.834	ng/ul#	84

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

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