Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106787.D
Acq On : 25 Jun 2018 22:21
Operator : JU/SJ
Sample : J3241-17MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-062218-CMS

Manual Integrations APPROVED

Sohil

6/27/2018 10:55:44 AM

Quant Time: Jun 26 04:28:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	49581	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	171589	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	76532	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	117684	20.00	ng		0.00
75) Chrysene-d12	14.19	240	57393	20.00	ng		0.03
86) Perylene-d12	15.72	264	88095m	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	289524	98.88	ng		0.00
7) Phenol-d6	6.61	99	355675	97.27	ng		0.00
23) Nitrobenzene-d5	7.52	82	215050	69.65	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	89268	100.64	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	381772	84.32	ng		0.00
78) Terphenyl-d14	13.10	244	387625	163.60	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	39888	26.498	ng		98
3) Pyridine	3.62	79	114467	28.038	ng		97
4) n-Nitrosodimethylamine	3.58	42	48755	28.118	ng	#	84
6) Aniline	6.63	93	78553	15.837	ng	#	72
8) 2-Chlorophenol	6.75	128	109363	34.053	ng		99
9) Benzaldehyde	6.51	77	78536	29.365	ng		89
10) Phenol	6.62	94	140984	33.785	ng		93
11) bis(2-Chloroethyl)ether	6.70	93	115335	33.479	ng		98
12) 1,3-Dichlorobenzene	6.90	146	129000	34.296	ng		98
13) 1,4-Dichlorobenzene	6.98	146	129512	34.057	ng		98
14) 1,2-Dichlorobenzene	7.13	146	117078	33.594	ng		99
15) Benzyl Alcohol	7.10	79	96191	32.762	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	152238	33.681	ng		67
17) 2-Methylphenol	7.22	107	89925	32.720	ng	#	93
18) Hexachloroethane	7.47	117	45135	33.751	ng	#	79
19) n-Nitroso-di-n-propylamine	7.37	70	72647	30.140	ng		95
20) 3+4-Methylphenols	7.37	107	113281	36.145	ng	#	71
22) Acetophenone	7.37	105	151464	39.455	ng	#	99
24) Nitrobenzene	7.54	77	113736	36.080	ng		96
25) Isophorone	7.78	82	203221	37.351	ng		97
26) 2-Nitrophenol	7.86	139	57268	38.484	ng		97
27) 2,4-Dimethylphenol	7.90	122	94450	41.063	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	131152	35.902	ng		98
29) 2,4-Dichlorophenol	8.11	162	90355	37.522	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	104589	39.427	ng		96
31) Naphthalene	8.27	128	308942	38.510	ng		99
32) Benzoic acid	8.02	122	4925	8.323	ng	#	77
33) 4-Chloroaniline	8.32	127	50933	15.131	ng		97
34) Hexachlorobutadiene	8.37	225	71213	41.199	ng		98
35) Caprolactam	8.68	113	28554	36.377	ng	#	87
36) 4-Chloro-3-methylphenol	8.81	107	86528	34.138	ng		95
37) 2-Methylnaphthalene	8.96	142	289358	54.417	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	103832	40.286	ng	#	96
42) 2,4,6-Trichlorophenol	9.24	196	60178	35.126	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	59063	33.039	ng		91
45) 1,1'-Biphenyl	9.42	154	242930	39.830	ng		98
46) 2-Chloronaphthalene	9.45	162	167544	34.898	ng		96
47) 2-Nitroaniline	9.55	65	48119	29.806	ng		98
48) Acenaphthylene	9.87	152	282204	37.231	ng		98
49) Dimethylphthalate	9.71	163	244894	42.664	ng		98
50) 2,6-Dinitrotoluene	9.79	165	42630	35.073	ng		85
51) Acenaphthene	10.05	154	603344	126.406	ng		98
52) 3-Nitroaniline	9.96	138	35226	25.185	ng		97
53) 2,4-Dinitrophenol	10.08	184	6676	15.210	ng	#	27
54) Dibenzofuran	10.21	168	268647	41.104	ng		96
55) 4-Nitrophenol	10.14	139	56684	58.060	ng		98
56) 2,4-Dinitrotoluene	10.20	165	50332	31.725	ng	#	90
57) Fluorene	10.56	166	428930	82.703	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	49233	34.645	ng	#	79
59) Diethylphthalate	10.41	149	174809	31.554	ng		94
60) 4-Chlorophenyl-phenylether	10.54	204	91797	33.828	ng	#	87
61) 4-Nitroaniline	10.58	138	40367	29.081	ng		92
62) Azobenzene	10.70	77	154109	28.248	ng	#	84
64) 4,6-Dinitro-2-methylphenol	10.62	198	6654	9.147	ng	#	70
65) n-Nitrosodiphenylamine	10.66	169	210760	53.244	ng		93
66) 4-Bromophenyl-phenylether	11.03	248	60274	42.915	ng	#	83
67) Hexachlorobenzene	11.12	284	60283	41.009	ng	#	83
68) Atrazine	11.20	200	53881	42.818	ng		96
69) Pentachlorophenol	11.32	266	40439	55.134	ng		99
70) Phenanthrene	11.54	178	2454320	432.393	ng		99
71) Anthracene	11.60	178	1108757	191.374	ng		96
72) Carbazole	11.74	167	350826	64.677	ng		98
73) Di-n-butylphthalate	12.05	149	133086	20.826	ng	#	85
74) Fluoranthene	12.75	202	2299639	367.575	ng		95
76) Benzidine	12.87	184	16854	10.311	ng	#	83
77) Pyrene	13.01	202	2572747m	679.781	ng		
79) Butylbenzylphthalate	13.56	149	103587	66.570	ng	#	93
80) Benzo(a)anthracene	14.18	228	2173431	621.345	ng		95
81) 3,3'-Dichlorobenzidine	14.14	252	65748	53.480	ng	#	96
82) Chrysene	14.22	228	1317918	409.536	ng		95
83) Bis(2-ethylhexyl)phthalate	14.12	149	144071	72.420	ng	#	94
84) Di-n-octyl phthalate	14.74	149	228684	70.521	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.35	276	847780	310.434	ng	#	86
87) Benzo(b)fluoranthene	15.28	252	1688932m	308.627	ng		
88) Benzo(k)fluoranthene	15.31	252	491263m	94.268	ng		
89) Benzo(a)pyrene	15.68	252	1399442m	287.664	ng		
90) Dibenzo(a,h)anthracene	17.35	278	340171m	82.507	ng		
91) Benzo(g,h,i)perylene	17.84	276	895173	222.138	ng	#	87

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

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