Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110264.D
Acq On : 29 Oct 2018 16:00
Operator : JU/SJ
Sample : J5649-08MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DL-03AMSD

Manual Integrations APPROVED
Sohil
10/30/2018 2:24:10 PM

Quant Time: Oct 30 07:20:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113734	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	449260	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	196114	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	309737	20.00	ng		0.00
76) Chrysene-d12	14.16	240	212851	20.00	ng		0.00
87) Perylene-d12	15.69	264	183384	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	820530	117.48	ng		0.01
7) Phenol-d6	6.60	99	1070895	119.88	ng		0.01
23) Nitrobenzene-d5	7.54	82	666542	88.00	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	215541	110.95	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1187098	95.05	ng		0.00
79) Terphenyl-d14	13.09	244	873220	85.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	84513	23.096	ng		90
3) Pyridine	3.63	79	204649	25.110	ng		88
4) n-Nitrosodimethylamine	3.58	42	145322	42.559	ng		93
6) Aniline	6.64	93	321706	27.645	ng	#	53
8) 2-Chlorophenol	6.76	128	322159	40.009	ng		98
9) Benzaldehyde	6.52	77	168123	30.225	ng		98
10) Phenol	6.62	94	474985	49.742	ng	#	64
11) bis(2-Chloroethyl)ether	6.70	93	299719	38.151	ng		91
12) 1,3-Dichlorobenzene	6.91	146	327800	36.992	ng		99
13) 1,4-Dichlorobenzene	6.99	146	334069	37.276	ng		98
14) 1,2-Dichlorobenzene	7.15	146	320317	38.501	ng		98
15) Benzyl Alcohol	7.11	79	285023	41.483	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	479211	38.150	ng		69
17) 2-Methylphenol	7.22	107	265205	41.327	ng	#	82
18) Hexachloroethane	7.48	117	116609	35.539	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	222928	38.898	ng		98
20) 3+4-Methylphenols	7.37	107	338923	40.858	ng		97
22) Acetophenone	7.38	105	444831	42.971	ng	#	97
24) Nitrobenzene	7.56	77	329936	42.191	ng		92
25) Isophorone	7.79	82	605346	46.885	ng		97
26) 2-Nitrophenol	7.87	139	168493	45.278	ng		96
27) 2,4-Dimethylphenol	7.90	122	298415	48.368	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	388434	44.286	ng		99
29) 2,4-Dichlorophenol	8.11	162	269818	43.288	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	284644	40.769	ng		97
31) Naphthalene	8.28	128	943230	45.554	ng		100
32) Benzoic acid	8.00	122	91015	19.087	ng		96
33) 4-Chloroaniline	8.32	127	182098	19.541	ng		98
34) Hexachlorobutadiene	8.39	225	157592	40.652	ng		98
35) Caprolactam	8.69	113	94053m	43.292	ng		
36) 4-Chloro-3-methylphenol	8.80	107	282851	41.964	ng		95
37) 2-Methylnaphthalene	8.97	142	640935	46.785	ng		99
38) 1-Methylnaphthalene	9.07	142	604937	45.694	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	265082	43.381	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	103377	33.086	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	171401	43.489	ng		93
44) 2,4,5-Trichlorophenol	9.29	196	182746	43.866	ng		96
46) 1,1'-Biphenyl	9.43	154	739441	41.695	ng		99
47) 2-Chloronaphthalene	9.46	162	557071	42.823	ng		98
48) 2-Nitroaniline	9.56	65	173717	44.067	ng		93
49) Acenaphthylene	9.88	152	838209	44.611	ng		98
50) Dimethylphthalate	9.73	163	854510	59.027	ng		100
51) 2,6-Dinitrotoluene	9.80	165	136558	43.792	ng		92
52) Acenaphthene	10.05	154	512088	41.198	ng		98
53) 3-Nitroaniline	9.97	138	110913	29.910	ng		90
54) 2,4-Dinitrophenol	10.07	184	35925	32.325	ng		89
55) Dibenzofuran	10.22	168	739494	42.492	ng		98
56) 4-Nitrophenol	10.13	139	281348	102.511	ng		91
57) 2,4-Dinitrotoluene	10.20	165	172490	43.549	ng	#	88
58) Fluorene	10.57	166	566467	43.735	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	138234	40.709	ng	#	94
60) Diethylphthalate	10.43	149	626714	44.348	ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	278296	40.730	ng		98
62) 4-Nitroaniline	10.59	138	127142	34.472	ng		92
63) Azobenzene	10.72	77	566112	40.358	ng		95
65) 4,6-Dinitro-2-methylphenol	10.61	198	31610	22.338	ng		86
66) n-Nitrosodiphenylamine	10.67	169	500263	49.241	ng		97
67) 4-Bromophenyl-phenylether	11.04	248	155448	46.268	ng		95
68) Hexachlorobenzene	11.12	284	154416	43.317	ng		97
69) Atrazine	11.20	200	152101	47.375	ng		99
70) Pentachlorophenol	11.31	266	137291	66.048	ng		98
71) Phenanthrene	11.53	178	750344	46.298	ng		100
72) Anthracene	11.59	178	744630	45.838	ng		99
73) Carbazole	11.74	167	627351	39.552	ng		99
74) Di-n-butylphthalate	12.05	149	847909	47.333	ng		99
75) Fluoranthene	12.73	202	700358	42.580	ng		99
77) Benzidine	12.84	184	149612	19.388	ng		97
78) Pyrene	12.96	202	698677	45.786	ng		98
80) Butylbenzylphthalate	13.56	149	296388	44.749	ng		98
81) Benzo(a)anthracene	14.14	228	607070	48.094	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	172519	39.250	ng		98
83) Chrysene	14.19	228	577660	48.183	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	397117	44.354	ng		97
85) Di-n-octyl phthalate	14.73	149	689406	49.520	ng		98
86) Indeno(1,2,3-cd)pyrene	17.27	276	412168	41.441	ng		96
88) Benzo(b)fluoranthene	15.23	252	558021	52.694	ng		98
89) Benzo(k)fluoranthene	15.27	252	463823	44.552	ng		99
90) Benzo(a)pyrene	15.63	252	455860	46.782	ng		98
91) Dibenzo(a,h)anthracene	17.28	278	347317	41.308	ng		99
92) Benzo(g,h,i)perylene	17.74	276	326657	39.426	ng		96

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

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