Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108476.D
Acq On : 24 Aug 2018 21:08
Operator : JU/SJ
Sample : J4581-12MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C2MSD

Manual Integrations APPROVED
Sohil
8/27/2018 12:56:47 PM

Quant Time: Aug 25 01:13:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	131377	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	491731	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	244181	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	485662	20.00	ng		0.00
75) Chrysene-d12	14.19	240	300210	20.00	ng		0.00
86) Perylene-d12	15.75	264	267372	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	779282	107.39	ng		0.00
7) Phenol-d6	6.63	99	1054432	109.35	ng		0.00
23) Nitrobenzene-d5	7.57	82	694795	78.85	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	301856	123.93	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1199778	78.88	ng		0.00
78) Terphenyl-d14	13.12	244	1283955	108.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	107065	28.714	ng		88
3) Pyridine	3.71	79	307407	32.005	ng		86
4) n-Nitrosodimethylamine	3.67	42	183228	33.901	ng	#	84
6) Aniline	6.67	93	439148	33.480	ng		97
8) 2-Chlorophenol	6.79	128	326158	39.907	ng		98
9) Benzaldehyde	6.55	77	205087	27.431	ng		97
10) Phenol	6.64	94	441013	44.214	ng		92
11) bis(2-Chloroethyl)ether	6.74	93	322064	39.938	ng		97
12) 1,3-Dichlorobenzene	6.94	146	358889	37.978	ng		98
13) 1,4-Dichlorobenzene	7.02	146	364438	38.384	ng		99
14) 1,2-Dichlorobenzene	7.17	146	346107	39.190	ng		99
15) Benzyl Alcohol	7.14	79	306190	37.718	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	604221	36.371	ng		99
17) 2-Methylphenol	7.25	107	282411	40.294	ng		94
18) Hexachloroethane	7.51	117	129748	38.385	ng		90
19) n-Nitroso-di-n-propylamine	7.41	70	246668	37.827	ng		90
20) 3+4-Methylphenols	7.40	107	345572	38.476	ng		92
22) Acetophenone	7.41	105	469997	40.877	ng	#	91
24) Nitrobenzene	7.58	77	373280	41.890	ng		94
25) Isophorone	7.82	82	668807	39.819	ng		97
26) 2-Nitrophenol	7.90	139	164007	48.736	ng		95
27) 2,4-Dimethylphenol	7.92	122	297978	39.972	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	405682	41.374	ng		99
29) 2,4-Dichlorophenol	8.14	162	292635	42.656	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	306409	40.510	ng		97
31) Naphthalene	8.31	128	943324	42.183	ng		99
32) Benzoic acid	8.00	122	17607	9.538	ng		92
33) 4-Chloroaniline	8.35	127	275260	28.244	ng		99
34) Hexachlorobutadiene	8.41	225	196702	41.080	ng		98
35) Caprolactam	8.72	113	83858m	39.006	ng		
36) 4-Chloro-3-methylphenol	8.83	107	304751	41.178	ng		97
37) 2-Methylnaphthalene	9.00	142	638431	40.351	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	323906	43.196	ng		98
40) Hexachlorocyclopentadiene	9.15	237	276604	57.110	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	211780	45.512	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	211780	41.344	ng		95
45) 1,1'-Biphenyl	9.46	154	773354	42.956	ng		99
46) 2-Chloronaphthalene	9.49	162	596463	41.918	ng		99
47) 2-Nitroaniline	9.59	65	206235	44.794	ng		94
48) Acenaphthylene	9.91	152	953021	42.365	ng		100
49) Dimethylphthalate	9.76	163	911520	53.590	ng		99
50) 2,6-Dinitrotoluene	9.82	165	158038	44.409	ng		87
51) Acenaphthene	10.08	154	561973	40.787	ng		99
52) 3-Nitroaniline	10.00	138	137091	35.209	ng		97
53) 2,4-Dinitrophenol	10.11	184	94901	72.025	ng	#	22
54) Dibenzofuran	10.25	168	830081	41.584	ng		98
55) 4-Nitrophenol	10.16	139	223864	75.926	ng	#	80
56) 2,4-Dinitrotoluene	10.24	165	213217	46.547	ng	#	97
57) Fluorene	10.60	166	656788	41.563	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	196225	45.832	ng	#	85
59) Diethylphthalate	10.46	149	693839	42.126	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	339452	41.226	ng		93
61) 4-Nitroaniline	10.62	138	164816	42.814	ng		91
62) Azobenzene	10.75	77	691133	40.632	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	73997	41.411	ng		76
65) n-Nitrosodiphenylamine	10.71	169	605535	42.192	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	219350	41.560	ng	#	87
67) Hexachlorobenzene	11.15	284	230095	41.435	ng	#	87
68) Atrazine	11.22	200	207235	43.051	ng		97
69) Pentachlorophenol	11.34	266	213997	80.512	ng		98
70) Phenanthrene	11.57	178	950570	41.497	ng		99
71) Anthracene	11.62	178	981455	41.803	ng		99
72) Carbazole	11.77	167	859316	41.195	ng		99
73) Di-n-butylphthalate	12.08	149	1049463	44.417	ng		99
74) Fluoranthene	12.76	202	993804	39.752	ng		96
76) Benzidine	12.88	184	359228	32.027	ng		98
77) Pyrene	12.99	202	962569	50.644	ng		100
79) Butylbenzylphthalate	13.59	149	390624	51.758	ng		95
80) Benzo(a)anthracene	14.18	228	718379	41.696	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	196974	31.902	ng	#	98
82) Chrysene	14.22	228	660256	41.801	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	522400	51.114	ng		99
84) Di-n-octyl phthalate	14.77	149	764210	49.029	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	707033	51.661	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	616350	38.578	ng		98
88) Benzo(k)fluoranthene	15.31	252	567288	38.627	ng	#	96
89) Benzo(a)pyrene	15.68	252	584287	40.840	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	601587	50.821	ng	#	92
91) Benzo(g,h,i)perylene	17.86	276	594471	51.001	ng	#	89

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

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