Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100013.D
Acq On : 31 Oct 2017 19:42
Operator : SJ/JU
Sample : I6178-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-3(20-22)MS

Manual Integrations APPROVED
Sohil
11/1/2017 2:37:47 PM

Quant Time: Nov 01 05:23:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 16:51:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88473	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	365676	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	167138	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	289485	20.00	ng		0.00
75) Chrysene-d12	13.98	240	166059	20.00	ng		0.00
86) Perylene-d12	15.47	264	153002	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	737621	130.89	ng		0.01
7) Phenol-d6	6.45	99	876374	131.16	ng		0.01
23) Nitrobenzene-d5	7.36	82	511684	90.09	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	190906	125.34	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	950444	87.73	ng		0.00
78) Terphenyl-d14	12.91	244	707744	93.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	87052	34.981	ng	#	88
3) Pyridine	3.32	79	210107	35.109	ng	#	85
4) n-Nitrosodimethylamine	3.28	42	89326	41.781	ng	#	71
6) Aniline	6.46	93	286595	33.079	ng	#	87
8) 2-Chlorophenol	6.58	128	280001	46.620	ng		92
9) Benzaldehyde	6.35	77	129238	32.367	ng		94
10) Phenol	6.46	94	386312	52.657	ng		89
11) bis(2-Chloroethyl)ether	6.53	93	256803	45.329	ng		96
12) 1,3-Dichlorobenzene	6.73	146	289707m	42.959	ng		
13) 1,4-Dichlorobenzene	6.80	146	296760	43.359	ng		97
14) 1,2-Dichlorobenzene	6.96	146	274120	43.945	ng		98
15) Benzyl Alcohol	6.95	79	192488	45.297	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	314817	50.024	ng		50
17) 2-Methylphenol	7.06	107	225792	44.943	ng	#	92
18) Hexachloroethane	7.29	117	94382	41.333	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	170174	43.459	ng		88
20) 3+4-Methylphenols	7.21	107	282784	48.341	ng	#	75
22) Acetophenone	7.20	105	358299	43.033	ng	#	95
24) Nitrobenzene	7.38	77	262042	45.787	ng		93
25) Isophorone	7.62	82	509987	49.481	ng		96
26) 2-Nitrophenol	7.70	139	159638	48.702	ng	#	83
27) 2,4-Dimethylphenol	7.73	122	247725	51.292	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	334162	46.295	ng		99
29) 2,4-Dichlorophenol	7.94	162	249335	49.696	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	242619	45.259	ng		98
31) Naphthalene	8.09	128	791684	44.851	ng		99
32) Benzoic acid	7.85	122	16477	3.876	ng		92
33) 4-Chloroaniline	8.15	127	214084	29.371	ng		95
34) Hexachlorobutadiene	8.20	225	120737	43.787	ng		99
35) Caprolactam	8.53	113	73936	46.861	ng	#	79
36) 4-Chloro-3-methylphenol	8.65	107	243052	47.463	ng		89
37) 2-Methylnaphthalene	8.79	142	542947	45.900	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	227878	42.214	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	24481	33.321	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	157867	48.348	ng		97
43) 2,4,5-Trichlorophenol	9.12	196	161459	46.597	ng		95
45) 1,1'-Biphenyl	9.25	154	638704	42.242	ng		96
46) 2-Chloronaphthalene	9.28	162	498947	45.438	ng		95
47) 2-Nitroaniline	9.39	65	132035	45.814	ng		86
48) Acenaphthylene	9.69	152	725355	42.889	ng		100
49) Dimethylphthalate	9.56	163	819455	61.911	ng		100
50) 2,6-Dinitrotoluene	9.63	165	132421	47.591	ng	#	75
51) Acenaphthene	9.86	154	439319	42.512	ng		99
52) 3-Nitroaniline	9.80	138	113746	34.693	ng		87
53) 2,4-Dinitrophenol	9.93	184	25251	27.091	ng	#	89
54) Dibenzofuran	10.04	168	656208	44.986	ng		97
55) 4-Nitrophenol	9.99	139	132154	77.144	ng		81
56) 2,4-Dinitrotoluene	10.05	165	163867	48.902	ng	#	82
57) Fluorene	10.38	166	528363	43.747	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	120317	49.524	ng	#	91
59) Diethylphthalate	10.25	149	572761	44.312	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	247528	43.547	ng		93
61) 4-Nitroaniline	10.43	138	130013	41.564	ng		83
62) Azobenzene	10.53	77	492628	45.466	ng		92
64) 4,6-Dinitro-2-methylphenol	10.46	198	40307	22.150	ng	#	76
65) n-Nitrosodiphenylamine	10.49	169	477660	44.699	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	143516	47.092	ng		94
67) Hexachlorobenzene	10.93	284	140198	44.966	ng		92
68) Atrazine	11.02	200	149728	46.645	ng		99
69) Pentachlorophenol	11.14	266	101664	76.310	ng		98
70) Phenanthrene	11.35	178	707664	43.317	ng		98
71) Anthracene	11.40	178	730696	44.063	ng		98
72) Carbazole	11.56	167	679296	43.560	ng		99
73) Di-n-butylphthalate	11.87	149	878275	44.156	ng		98
74) Fluoranthene	12.55	202	666460	39.255	ng		97
76) Benzidine	12.67	184	269746	37.123	ng		97
77) Pyrene	12.77	202	658347	52.138	ng		99
79) Butylbenzylphthalate	13.37	149	331730	53.351	ng		94
80) Benzo(a)anthracene	13.97	228	467164	44.378	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	155421	40.673	ng		96
82) Chrysene	14.01	228	439830	44.442	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	437575	50.112	ng		99
84) Di-n-octyl phthalate	14.56	149	689077	45.978	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.97	276	444488	48.923	ng		97
87) Benzo(b)fluoranthene	15.04	252	414196	42.871	ng		99
88) Benzo(k)fluoranthene	15.07	252	399525	43.854	ng		99
89) Benzo(a)pyrene	15.42	252	396128	45.644	ng		98
90) Dibenzo(a,h)anthracene	16.97	278	370985	48.108	ng		97
91) Benzo(g,h,i)perylene	17.42	276	375085	49.716	ng		98

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

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