Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100014.D
Acq On : 31 Oct 2017 20:08
Operator : SJ/JU
Sample : I6178-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
11/1/2017 2:37:49 PM

Quant Time: Nov 01 05:25:15 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	78630	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	327753	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	149432	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	256579	20.00	ng		0.00
75) Chrysene-d12	13.98	240	149898	20.00	ng		0.00
86) Perylene-d12	15.47	264	137336	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	539877	107.79	ng		0.01
7) Phenol-d6	6.44	99	633362	106.65	ng		0.00
23) Nitrobenzene-d5	7.36	82	359747	70.67	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	144821	106.35	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	690427	71.28	ng		0.00
78) Terphenyl-d14	12.90	244	553537	80.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	67576	30.554	ng		89
3) Pyridine	3.33	79	153874	28.931	ng		88
4) n-Nitrosodimethylamine	3.27	42	62945	33.127	ng	#	61
6) Aniline	6.46	93	211491	27.466	ng	#	78
8) 2-Chlorophenol	6.58	128	214171	40.123	ng		90
9) Benzaldehyde	6.35	77	96440	27.176	ng		90
10) Phenol	6.45	94	299933	46.001	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	195393	38.807	ng		93
12) 1,3-Dichlorobenzene	6.73	146	219885m	36.687	ng		
13) 1,4-Dichlorobenzene	6.80	146	229055	37.656	ng		98
14) 1,2-Dichlorobenzene	6.96	146	213684	38.544	ng		96
15) Benzyl Alcohol	6.94	79	149805	39.666	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	242347	43.330	ng		59
17) 2-Methylphenol	7.05	107	171082	38.316	ng		93
18) Hexachloroethane	7.29	117	72155	35.555	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	130056	37.371	ng		89
20) 3+4-Methylphenols	7.21	107	225810	43.434	ng	#	74
22) Acetophenone	7.20	105	276234	37.016	ng	#	94
24) Nitrobenzene	7.38	77	198210	38.641	ng		90
25) Isophorone	7.62	82	380887	41.231	ng		95
26) 2-Nitrophenol	7.69	139	120426	40.990	ng		88
27) 2,4-Dimethylphenol	7.73	122	192777	44.534	ng		92
28) bis(2-Chloroethoxy)methane	7.82	93	251332	38.848	ng		99
29) 2,4-Dichlorophenol	7.94	162	191562	42.599	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	184253	38.348	ng		98
31) Naphthalene	8.09	128	599009	37.862	ng		99
32) Benzoic acid	7.73	122	192777	50.594	ng	#	11
33) 4-Chloroaniline	8.15	127	157906	24.171	ng	#	93
34) Hexachlorobutadiene	8.20	225	91585	37.058	ng		99
35) Caprolactam	8.53	113	55858	39.499	ng	#	72
36) 4-Chloro-3-methylphenol	8.65	107	183838	40.053	ng		92
37) 2-Methylnaphthalene	8.79	142	420266	39.639	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	173965	36.045	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	13746	25.481	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	118282	40.517	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	122777	39.632	ng		95
45) 1,1'-Biphenyl	9.25	154	493474	36.504	ng		98
46) 2-Chloronaphthalene	9.27	162	380713	38.779	ng		97
47) 2-Nitroaniline	9.39	65	101193	39.273	ng	#	82
48) Acenaphthylene	9.69	152	565699	37.412	ng		99
49) Dimethylphthalate	9.55	163	623934	52.725	ng		99
50) 2,6-Dinitrotoluene	9.63	165	98782	39.708	ng		87
51) Acenaphthene	9.86	154	341831	36.998	ng		98
52) 3-Nitroaniline	9.80	138	87983	30.015	ng	#	79
53) 2,4-Dinitrophenol	9.94	184	12420	17.495	ng	#	86
54) Dibenzofuran	10.03	168	509402	39.059	ng		99
55) 4-Nitrophenol	9.99	139	93392	60.977	ng		81
56) 2,4-Dinitrotoluene	10.04	165	125616	41.929	ng		93
57) Fluorene	10.38	166	404678	37.476	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	92363	42.523	ng	#	90
59) Diethylphthalate	10.25	149	435631	37.697	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	190775	37.540	ng		97
61) 4-Nitroaniline	10.42	138	100534	35.948	ng		84
62) Azobenzene	10.53	77	378167	39.037	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	28508	17.675	ng	#	71
65) n-Nitrosodiphenylamine	10.49	169	367005	38.748	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	109192	40.424	ng		90
67) Hexachlorobenzene	10.93	284	107733	38.985	ng	#	90
68) Atrazine	11.02	200	116022	40.780	ng		97
69) Pentachlorophenol	11.14	266	74872	63.407	ng		99
70) Phenanthrene	11.35	178	553190	38.204	ng		98
71) Anthracene	11.40	178	576369	39.214	ng		99
72) Carbazole	11.56	167	527778	38.185	ng		98
73) Di-n-butylphthalate	11.87	149	690033	39.141	ng	#	98
74) Fluoranthene	12.54	202	521492	34.655	ng		99
76) Benzidine	12.67	184	260074	39.651	ng		97
77) Pyrene	12.77	202	514573	45.145	ng		98
79) Butylbenzylphthalate	13.37	149	259220	46.184	ng		92
80) Benzo(a)anthracene	13.97	228	357681	37.641	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	123175	35.709	ng		98
82) Chrysene	14.01	228	343071	38.402	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	354355	44.957	ng		99
84) Di-n-octyl phthalate	14.56	149	542038	40.066	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.97	276	343737	41.913	ng		98
87) Benzo(b)fluoranthene	15.04	252	328649	37.897	ng		97
88) Benzo(k)fluoranthene	15.07	252	291328	35.625	ng		99
89) Benzo(a)pyrene	15.41	252	304995	39.152	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	287614	41.551	ng		98
91) Benzo(g,h,i)perylene	17.42	276	286758	42.344	ng		100

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

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