Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099893.D
Acq On : 27 Oct 2017 23:41
Operator : SJ/JU
Sample : I6029-07MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-P-5A(5-10)MS

Manual Integrations APPROVED
Sohil
10/30/2017 6:16:46 PM

Quant Time: Oct 28 01:56:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	91750	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	382007	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	176954	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	319483	20.00	ng		0.00
75) Chrysene-d12	13.99	240	180409	20.00	ng		0.00
86) Perylene-d12	15.46	264	162266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	619299	105.97	ng		0.00
7) Phenol-d6	6.45	99	730957	105.49	ng		0.00
23) Nitrobenzene-d5	7.37	82	423539	71.38	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	165818	102.83	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	858066	74.81	ng		0.00
78) Terphenyl-d14	12.92	244	717968	86.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	71683	27.776	ng	#	89
3) Pyridine	3.35	79	167437	26.980	ng	#	88
4) n-Nitrosodimethylamine	3.28	42	67231	30.323	ng	#	70
6) Aniline	6.47	93	181165	20.163	ng		95
8) 2-Chlorophenol	6.59	128	205323	32.965	ng		91
9) Benzaldehyde	6.36	77	104290	25.186	ng		85
10) Phenol	6.46	94	276553	36.350	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	183756	31.277	ng		94
12) 1,3-Dichlorobenzene	6.73	146	209469	29.952	ng		96
13) 1,4-Dichlorobenzene	6.81	146	211883	29.852	ng		98
14) 1,2-Dichlorobenzene	6.96	146	201147	31.095	ng		98
15) Benzyl Alcohol	6.95	79	143640	32.595	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	233750	35.816	ng		56
17) 2-Methylphenol	7.06	107	161301	30.960	ng	#	93
18) Hexachloroethane	7.30	117	67646	28.566	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	127808	31.474	ng		90
20) 3+4-Methylphenols	7.22	107	209523	34.538	ng	#	74
22) Acetophenone	7.21	105	269354	30.968	ng	#	95
24) Nitrobenzene	7.39	77	191589	32.046	ng		91
25) Isophorone	7.62	82	358688	33.314	ng		95
26) 2-Nitrophenol	7.70	139	114905	33.556	ng	#	82
27) 2,4-Dimethylphenol	7.74	122	172611	34.212	ng		94
28) bis(2-Chloroethoxy)methane	7.83	93	240822	31.937	ng		99
29) 2,4-Dichlorophenol	7.95	162	178554	34.067	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	174945	31.240	ng		99
31) Naphthalene	8.10	128	582554	31.592	ng		99
33) 4-Chloroaniline	8.16	127	133320	17.509	ng		95
34) Hexachlorobutadiene	8.21	225	85125	29.552	ng		98
35) Caprolactam	8.54	113	52910m	32.101	ng		
36) 4-Chloro-3-methylphenol	8.65	107	174783	32.672	ng		93
37) 2-Methylnaphthalene	8.79	142	412976	33.420	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	168690	29.516	ng		98
40) Hexachlorocyclopentadiene	8.94	237	37585	41.927	ng		96
42) 2,4,6-Trichlorophenol	9.09	196	112790	32.626	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	116437	31.740	ng	#	93
45) 1,1'-Biphenyl	9.26	154	476048	29.738	ng		98
46) 2-Chloronaphthalene	9.29	162	376964	32.425	ng		96
47) 2-Nitroaniline	9.40	65	99070	32.469	ng	#	82
48) Acenaphthylene	9.70	152	558337	31.182	ng		99
49) Dimethylphthalate	9.56	163	584863	41.736	ng		99
50) 2,6-Dinitrotoluene	9.64	165	97496	33.095	ng	#	77
51) Acenaphthene	9.87	154	336569	30.763	ng		99
52) 3-Nitroaniline	9.81	138	86455	24.907	ng		90
53) 2,4-Dinitrophenol	9.94	184	34412	33.217	ng	#	79
54) Dibenzofuran	10.05	168	499616	32.351	ng		99
55) 4-Nitrophenol	9.99	139	98137	54.109	ng		86
56) 2,4-Dinitrotoluene	10.05	165	120609	33.996	ng	#	90
57) Fluorene	10.39	166	406942	31.825	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	89369	34.745	ng	#	89
59) Diethylphthalate	10.26	149	428339	31.301	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	188841	31.380	ng		89
61) 4-Nitroaniline	10.43	138	95879	28.951	ng		85
62) Azobenzene	10.54	77	410586	35.792	ng		91
64) 4,6-Dinitro-2-methylphenol	10.47	198	47047	23.426	ng	#	71
65) n-Nitrosodiphenylamine	10.50	169	356675	30.243	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	108399	32.229	ng		92
67) Hexachlorobenzene	10.95	284	108367	31.494	ng	#	88
68) Atrazine	11.03	200	112183	31.667	ng		99
69) Pentachlorophenol	11.15	266	70406	47.885	ng		99
70) Phenanthrene	11.36	178	568552	31.534	ng		98
71) Anthracene	11.41	178	586976	32.073	ng		99
72) Carbazole	11.57	167	531726	30.896	ng		98
73) Di-n-butylphthalate	11.89	149	670831	30.560	ng		98
74) Fluoranthene	12.55	202	547593	29.225	ng		99
76) Benzidine	12.68	184	65480	8.295	ng		98
77) Pyrene	12.78	202	543321	39.606	ng		99
79) Butylbenzylphthalate	13.39	149	246394	36.474	ng		92
80) Benzo(a)anthracene	13.97	228	355813	31.111	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	98586	23.747	ng		99
82) Chrysene	14.02	228	342747	31.877	ng		97
83) Bis(2-ethylhexyl)phthalate	13.94	149	344168	36.280	ng	#	98
84) Di-n-octyl phthalate	14.55	149	476156	29.244	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.95	276	353489	35.812	ng		97
87) Benzo(b)fluoranthene	15.03	252	321231	31.351	ng		97
88) Benzo(k)fluoranthene	15.06	252	278127	28.786	ng		98
89) Benzo(a)pyrene	15.40	252	295167	32.069	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	292956	35.821	ng		98
91) Benzo(g,h,i)perylene	17.40	276	307684	38.454	ng		98

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

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