Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011818\
Data File : BG032147.D
Acq On : 18 Jan 2018 22:02
Operator : SJ/JU
Sample : J1187-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-4A(34-36)MSD

Manual Integrations APPROVED
Sohil
1/19/2018 9:48:31 AM

Quant Time: Jan 19 11:12:27 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	43765	20.00	ng		0.00
21) Naphthalene-d8	11.62	136	178142	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	128996	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	355952	20.00	ng		0.00
75) Chrysene-d12	22.45	240	421493	20.00	ng		0.00
86) Perylene-d12	26.15	264	459470	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	377006	157.55	ng		0.00
7) Phenol-d6	7.86	99	480274	159.36	ng		0.00
23) Nitrobenzene-d5	9.94	82	290516	110.33	ng		0.00
41) 2,4,6-Tribromophenol	16.86	330	373004	174.74	ng		0.00
44) 2-Fluorobiphenyl	14.01	172	923424	88.76	ng		0.00
78) Terphenyl-d14	20.65	244	1694679	88.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	29979	32.610	ng	#	76
3) Pyridine	4.28	79	92228	37.585	ng	#	80
4) n-Nitrosodimethylamine	4.18	42	52165	60.510	ng	#	93
6) Aniline	8.04	93	139988	36.826	ng		94
8) 2-Chlorophenol	8.29	128	136795	51.087	ng	#	83
9) Benzaldehyde	7.84	77	88042	50.420	ng		86
10) Phenol	7.88	94	175508	59.118	ng		97
11) bis(2-Chloroethyl)ether	8.13	93	112263	47.201	ng	#	81
12) 1,3-Dichlorobenzene	8.63	146	156781m	44.737	ng		
13) 1,4-Dichlorobenzene	8.78	146	159134	45.098	ng		96
14) 1,2-Dichlorobenzene	9.11	146	151009	44.247	ng		98
15) Benzyl Alcohol	8.97	79	122043	55.744	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.27	45	116322	48.124	ng		76
17) 2-Methylphenol	9.18	107	115381	50.855	ng		94
18) Hexachloroethane	9.87	117	52264	48.194	ng	#	83
19) n-Nitroso-di-n-propylamine	9.55	70	94039	50.291	ng	#	89
20) 3+4-Methylphenols	9.51	107	158441	50.410	ng		94
22) Acetophenone	9.58	105	202324	50.000	ng	#	89
24) Nitrobenzene	9.98	77	138219	52.625	ng	#	87
25) Isophorone	10.51	82	269705	55.008	ng	#	84
26) 2-Nitrophenol	10.71	139	84736	54.448	ng	#	83
27) 2,4-Dimethylphenol	10.75	122	142519	57.708	ng		95
28) bis(2-Chloroethoxy)methane	10.99	93	163107	55.215	ng		95
29) 2,4-Dichlorophenol	11.25	162	180336	59.344	ng		91
30) 1,2,4-Trichlorobenzene	11.48	180	193433	49.288	ng		97
31) Naphthalene	11.68	128	428350	48.540	ng		99
33) 4-Chloroaniline	11.77	127	148462	39.232	ng		92
34) Hexachlorobutadiene	11.95	225	139238	49.396	ng		94
35) Caprolactam	12.52	113	57526m	62.399	ng		
36) 4-Chloro-3-methylphenol	12.84	107	166731	59.943	ng	#	84
37) 2-Methylnaphthalene	13.24	142	360695	51.483	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	269529	47.934	ng	#	97
40) Hexachlorocyclopentadiene	13.57	237	322937	101.968	ng		92
42) 2,4,6-Trichlorophenol	13.82	196	174037	55.085	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.90	196	190648	52.132	ng	#	90
45) 1,1'-Biphenyl	14.22	154	517715	46.816	ng		96
46) 2-Chloronaphthalene	14.27	162	405733	47.163	ng		95
47) 2-Nitroaniline	14.46	65	95971	58.273	ng	#	72
48) Acenaphthylene	15.11	152	611772	46.699	ng		98
49) Dimethylphthalate	14.81	163	683983	60.593	ng	#	99
50) 2,6-Dinitrotoluene	14.94	165	131118	55.961	ng	#	70
51) Acenaphthene	15.45	154	396883	45.816	ng		99
52) 3-Nitroaniline	15.27	138	96344	45.527	ng	#	77
53) 2,4-Dinitrophenol	15.47	184	18928	21.666	ng	#	1
54) Dibenzofuran	15.78	168	648761	50.205	ng		99
55) 4-Nitrophenol	15.55	139	194921	126.390	ng	#	81
56) 2,4-Dinitrotoluene	15.72	165	187185	59.339	ng	#	67
57) Fluorene	16.42	166	530853	50.089	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.99	232	209506	61.929	ng	#	86
59) Diethylphthalate	16.15	149	570061	52.092	ng		97
60) 4-Chlorophenyl-phenylether	16.39	204	340484	52.372	ng		93
61) 4-Nitroaniline	16.43	138	122783	60.484	ng		88
62) Azobenzene	16.69	77	361788	52.819	ng		89
64) 4,6-Dinitro-2-methylphenol	16.48	198	98538	43.733	ng	#	69
65) n-Nitrosodiphenylamine	16.60	169	510792	47.291	ng		100
66) 4-Bromophenyl-phenylether	17.29	248	249822	49.328	ng		95
67) Hexachlorobenzene	17.42	284	256018	45.692	ng	#	91
68) Atrazine	17.53	200	247700	54.531	ng		96
69) Pentachlorophenol	17.76	266	339181	94.705	ng		99
70) Phenanthrene	18.16	178	944483	47.658	ng		98
71) Anthracene	18.25	178	978023	49.479	ng		98
72) Carbazole	18.51	167	859875	50.147	ng		99
73) Di-n-butylphthalate	19.01	149	965573	47.655	ng		100
74) Fluoranthene	20.12	202	1241289	50.025	ng		94
76) Benzidine	20.28	184	724931	68.779	ng		98
77) Pyrene	20.48	202	1234090	46.575	ng		97
79) Butylbenzylphthalate	21.34	149	436914	46.023	ng	#	76
80) Benzo(a)anthracene	22.43	228	1301960	49.669	ng		99
81) 3,3'-Dichlorobenzidine	22.32	252	407107	41.575	ng	#	95
82) Chrysene	22.50	228	1220993	48.502	ng		98
83) Bis(2-ethylhexyl)phthalate	22.27	149	626464	45.000	ng	#	98
84) Di-n-octyl phthalate	23.65	149	1059013	47.897	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.45	276	1637221	53.143	ng	#	87
87) Benzo(b)fluoranthene	24.97	252	1402396	50.496	ng	#	96
88) Benzo(k)fluoranthene	25.05	252	1311326	48.320	ng	#	95
89) Benzo(a)pyrene	25.98	252	1345609	51.219	ng	#	96
90) Dibenzo(a,h)anthracene	30.52	278	1353177	53.450	ng	#	93
91) Benzo(g,h,i)perylene	31.81	276	1362534	52.657	ng	#	91

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

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