Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107439.D
Acq On : 17 Jul 2018 10:39
Operator : JU/SJ
Sample : J3976-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-033MS

Manual Integrations APPROVED
Sohil
7/18/2018 10:43:45 AM

Quant Time: Jul 17 12:20:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	146085	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	558082	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	297015	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	635530	20.00	ng		0.00
75) Chrysene-d12	14.17	240	447048	20.00	ng		0.00
86) Perylene-d12	15.70	264	390607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	760818	79.10	ng		0.00
7) Phenol-d6	6.61	99	1023820	82.33	ng		0.00
23) Nitrobenzene-d5	7.55	82	737854	70.50	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	231852	88.84	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1127380	60.11	ng		0.00
78) Terphenyl-d14	13.11	244	1237680	68.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	110116	23.188	ng		88
3) Pyridine	3.67	79	289521	22.604	ng		93
4) n-Nitrosodimethylamine	3.62	42	168506	32.039	ng	#	71
6) Aniline	6.65	93	306537	18.646	ng	#	85
8) 2-Chlorophenol	6.77	128	282345	29.025	ng		92
9) Benzaldehyde	6.54	77	195271	19.519	ng		94
10) Phenol	6.62	94	404334	30.327	ng	#	74
11) bis(2-Chloroethyl)ether	6.72	93	301301	27.692	ng		94
12) 1,3-Dichlorobenzene	6.92	146	308779	26.146	ng	#	88
13) 1,4-Dichlorobenzene	7.00	146	320464	27.373	ng	#	92
14) 1,2-Dichlorobenzene	7.15	146	315523	28.805	ng		95
15) Benzyl Alcohol	7.12	79	356954	28.581	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.25	45	315621	27.184	ng		87
17) 2-Methylphenol	7.23	107	268914	29.076	ng	#	87
18) Hexachloroethane	7.50	117	133958	30.753	ng		95
19) n-Nitroso-di-n-propylamine	7.39	70	243413	27.337	ng		96
20) 3+4-Methylphenols	7.38	107	332373	28.290	ng	#	80
22) Acetophenone	7.39	105	427571	27.885	ng	#	90
24) Nitrobenzene	7.57	77	367826	31.274	ng	#	87
25) Isophorone	7.80	82	652806	31.469	ng	#	92
26) 2-Nitrophenol	7.88	139	148916	37.247	ng	#	71
27) 2,4-Dimethylphenol	7.91	122	288095	34.555	ng		95
28) bis(2-Chloroethoxy)methane	8.01	93	393385	30.280	ng		98
29) 2,4-Dichlorophenol	8.12	162	268201	30.913	ng		90
30) 1,2,4-Trichlorobenzene	8.21	180	296751	28.246	ng		98
31) Naphthalene	8.29	128	812801	29.984	ng		97
32) Benzoic acid	8.01	122	118520	23.163	ng	#	71
33) 4-Chloroaniline	8.34	127	169486	14.437	ng	#	88
34) Hexachlorobutadiene	8.40	225	190721	27.130	ng		96
35) Caprolactam	8.70	113	101557m	35.985	ng		
36) 4-Chloro-3-methylphenol	8.81	107	357945	31.575	ng	#	77
37) 2-Methylnaphthalene	8.98	142	572801	32.057	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	332762	28.790	ng		99
40) Hexachlorocyclopentadiene	9.13	237	344659	57.093	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	215147	29.820	ng		95
43) 2,4,5-Trichlorophenol	9.30	196	221973	32.160	ng	#	89
45) 1,1'-Biphenyl	9.44	154	703093	27.379	ng		96
46) 2-Chloronaphthalene	9.47	162	569153	28.061	ng		97
47) 2-Nitroaniline	9.57	65	233415	37.606	ng	#	67
48) Acenaphthylene	9.89	152	858300	30.323	ng		99
49) Dimethylphthalate	9.74	163	932102	39.498	ng		100
50) 2,6-Dinitrotoluene	9.81	165	158449	35.186	ng	#	71
51) Acenaphthene	10.07	154	653973	34.852	ng		99
52) 3-Nitroaniline	9.98	138	107164	22.656	ng	#	61
53) 2,4-Dinitrophenol	10.08	184	161202	75.666	ng	#	26
54) Dibenzofuran	10.24	168	833262	28.737	ng		92
55) 4-Nitrophenol	10.14	139	236827	61.876	ng	#	33
56) 2,4-Dinitrotoluene	10.21	165	218387	37.206	ng	#	85
57) Fluorene	10.58	166	590460	30.746	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.35	232	201260	30.103	ng	#	88
59) Diethylphthalate	10.44	149	699436	30.508	ng		95
60) 4-Chlorophenyl-phenylether	10.57	204	338715	29.611	ng		97
61) 4-Nitroaniline	10.60	138	151117	33.571	ng	#	51
62) Azobenzene	10.73	77	755641	28.067	ng		90
64) 4,6-Dinitro-2-methylphenol	10.62	198	124786	38.412	ng		95
65) n-Nitrosodiphenylamine	10.69	169	561516	27.975	ng		94
66) 4-Bromophenyl-phenylether	11.06	248	200463	27.570	ng		90
67) Hexachlorobenzene	11.12	284	195609	29.063	ng	#	88
68) Atrazine	11.21	200	223322	29.442	ng		97
69) Pentachlorophenol	11.32	266	224045	45.045	ng		95
70) Phenanthrene	11.55	178	964671	30.458	ng		100
71) Anthracene	11.59	178	957405	30.349	ng		99
72) Carbazole	11.75	167	822658	27.546	ng		95
73) Di-n-butylphthalate	12.07	149	1046202	30.482	ng	#	97
74) Fluoranthene	12.74	202	1054571	29.295	ng		94
76) Benzidine	12.85	184	230396	13.279	ng		98
77) Pyrene	12.97	202	1032827	33.974	ng		98
79) Butylbenzylphthalate	13.58	149	446855	40.354	ng	#	87
80) Benzo(a)anthracene	14.16	228	872233	31.888	ng		98
81) 3,3'-Dichlorobenzidine	14.12	252	177975	19.401	ng	#	98
82) Chrysene	14.19	228	798524	30.561	ng		98
83) Bis(2-ethylhexyl)phthalate	14.13	149	598757	37.733	ng		96
84) Di-n-octyl phthalate	14.75	149	924061	37.461	ng	#	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	706653	37.994	ng	#	90
87) Benzo(b)fluoranthene	15.25	252	722335	31.594	ng		96
88) Benzo(k)fluoranthene	15.28	252	665212	29.814	ng	#	95
89) Benzo(a)pyrene	15.64	252	655724	31.248	ng		97
90) Dibenzo(a,h)anthracene	17.30	278	578962	36.557	ng	#	91
91) Benzo(g,h,i)perylene	17.77	276	607888	37.775	ng	#	90

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

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