Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
Data File : BF110305.D
Acq On : 30 Oct 2018 16:14
Operator : JU/SJ
Sample : J5724-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RED-SHALEMSD

Manual Integrations APPROVED
Sohil
10/31/2018 11:15:00 AM

Quant Time: Oct 31 05:02:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	98432	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	404360	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	184698	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	299823	20.00	ng		0.00
76) Chrysene-d12	14.16	240	187373	20.00	ng		0.00
87) Perylene-d12	15.70	264	185297	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	577902	95.61	ng		0.01
7) Phenol-d6	6.60	99	732878	94.79	ng		0.00
23) Nitrobenzene-d5	7.53	82	466030	68.36	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	160149	87.53	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	834511	70.95	ng		0.00
79) Terphenyl-d14	13.09	244	601103	66.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	67744	21.391	ng		89
3) Pyridine	3.65	79	192126	27.238	ng	#	84
4) n-Nitrosodimethylamine	3.60	42	100007	33.841	ng		91
6) Aniline	6.63	93	222022	22.045	ng	#	53
8) 2-Chlorophenol	6.76	128	224270	32.182	ng		99
9) Benzaldehyde	6.52	77	95815	18.202	ng		95
10) Phenol	6.61	94	319237	38.628	ng	#	66
11) bis(2-Chloroethyl)ether	6.70	93	203155	29.879	ng		95
12) 1,3-Dichlorobenzene	6.91	146	229062	29.868	ng		98
13) 1,4-Dichlorobenzene	6.99	146	233409	30.093	ng		97
14) 1,2-Dichlorobenzene	7.14	146	222749	30.936	ng		99
15) Benzyl Alcohol	7.11	79	196514	33.048	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.24	45	323047	29.716	ng		69
17) 2-Methylphenol	7.22	107	178730	32.181	ng	#	82
18) Hexachloroethane	7.48	117	83135	29.276	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	149866	30.215	ng		95
20) 3+4-Methylphenols	7.37	107	228888	31.883	ng		92
22) Acetophenone	7.38	105	308600	33.121	ng	#	99
24) Nitrobenzene	7.55	77	225830	32.085	ng		97
25) Isophorone	7.79	82	408839	35.181	ng		96
26) 2-Nitrophenol	7.87	139	114430	34.165	ng		95
27) 2,4-Dimethylphenol	7.90	122	202921	36.542	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	263332	33.356	ng		99
29) 2,4-Dichlorophenol	8.11	162	186422	33.229	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	200439	31.896	ng		94
31) Naphthalene	8.27	128	700101	37.566	ng		99
32) Benzoic acid	7.96	122	8987m	2.094	ng		
33) 4-Chloroaniline	8.32	127	133910	15.965	ng		97
34) Hexachlorobutadiene	8.39	225	108077	30.975	ng		97
35) Caprolactam	8.68	113	57195m	29.250	ng		
36) 4-Chloro-3-methylphenol	8.80	107	198071	32.649	ng		93
37) 2-Methylnaphthalene	8.97	142	454849	36.888	ng		98
38) 1-Methylnaphthalene	9.07	142	427698	35.893	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	185772	32.281	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	96781	32.889	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	127247	34.282	ng		97
44) 2,4,5-Trichlorophenol	9.29	196	132877	33.867	ng		97
46) 1,1'-Biphenyl	9.43	154	532736	31.896	ng		99
47) 2-Chloronaphthalene	9.46	162	396630	32.374	ng		98
48) 2-Nitroaniline	9.56	65	122609	33.025	ng		91
49) Acenaphthylene	9.87	152	639740	36.153	ng		99
50) Dimethylphthalate	9.73	163	540433	39.639	ng		99
51) 2,6-Dinitrotoluene	9.80	165	97565	33.221	ng	#	84
52) Acenaphthene	10.05	154	441465	37.711	ng		98
53) 3-Nitroaniline	9.97	138	85789	24.564	ng		86
54) 2,4-Dinitrophenol	10.07	184	18942	20.375	ng		94
55) Dibenzofuran	10.22	168	605134	36.921	ng		98
56) 4-Nitrophenol	10.13	139	205354	79.447	ng		96
57) 2,4-Dinitrotoluene	10.20	165	124449	33.362	ng	#	87
58) Fluorene	10.57	166	545052	44.683	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.34	232	100481m	31.420	ng		
60) Diethylphthalate	10.43	149	453483	34.074	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	197682	30.720	ng		97
62) 4-Nitroaniline	10.59	138	96132	27.675	ng		87
63) Azobenzene	10.72	77	410609	31.082	ng		92
65) 4,6-Dinitro-2-methylphenol	10.62	198	23310	17.017	ng		98
66) n-Nitrosodiphenylamine	10.67	169	361237	36.733	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	113236	34.818	ng		94
68) Hexachlorobenzene	11.12	284	111738	32.381	ng	#	94
69) Atrazine	11.20	200	110581	35.582	ng		98
70) Pentachlorophenol	11.32	266	98052	48.730	ng		96
71) Phenanthrene	11.55	178	1715938	109.378	ng		99
72) Anthracene	11.59	178	939388	59.739	ng		99
73) Carbazole	11.75	167	594740	38.736	ng		99
74) Di-n-butylphthalate	12.06	149	630433	36.356	ng		98
75) Fluoranthene	12.74	202	1873003	117.639	ng		97
77) Benzidine	12.85	184	138443	20.641	ng		97
78) Pyrene	12.97	202	1657154	123.364	ng		99
80) Butylbenzylphthalate	13.56	149	206932	35.491	ng		94
81) Benzo(a)anthracene	14.16	228	1017339	91.556	ng		99
82) 3,3'-Dichlorobenzidine	14.11	252	117049	30.251	ng		98
83) Chrysene	14.19	228	831110	78.749	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	278744	35.366	ng	#	94
85) Di-n-octyl phthalate	14.73	149	460399	37.567	ng		99
86) Indeno(1,2,3-cd)pyrene	17.29	276	600676	68.606	ng		100
88) Benzo(b)fluoranthene	15.25	252	998029	93.272	ng		98
89) Benzo(k)fluoranthene	15.27	252	580702	55.203	ng	#	97
90) Benzo(a)pyrene	15.64	252	808755	82.141	ng		99
91) Dibenzo(a,h)anthracene	17.30	278	340094	40.032	ng		97
92) Benzo(g,h,i)perylene	17.77	276	509291	60.835	ng		98

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

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