Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111664.D
Acq On : 21 Dec 2018 2:59
Operator : JU/SJ
Sample : J6447-10MSD 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MSD

Manual Integrations APPROVED
Sohil
12/21/2018 2:46:59 PM

Quant Time: Dec 21 12:23:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	191700	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	710466	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	303260	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	475330	20.00	ng		0.00
76) Chrysene-d12	14.04	240	490482	20.00	ng		0.00
87) Perylene-d12	15.52	264	353206	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	88717	7.89	ng		0.00
7) Phenol-d6	6.51	99	113723	7.95	ng		-0.01
23) Nitrobenzene-d5	7.45	82	61955	5.08	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	20686	5.77	ng		-0.01
45) 2-Fluorobiphenyl	9.25	172	124441	5.98	ng		0.00
79) Terphenyl-d14	12.99	244	105618	4.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	10981	2.075	ng	#	86
3) Pyridine	3.47	79	25240	1.831	ng	#	90
4) n-Nitrosodimethylamine	3.38	42	18075	2.679	ng	#	70
6) Aniline	6.55	93	13586	0.745	ng		99
8) 2-Chlorophenol	6.67	128	32080	2.575	ng		99
9) Benzaldehyde	6.44	77	9818	0.997	ng		89
10) Phenol	6.52	94	47304	2.929	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	29781	2.461	ng		96
12) 1,3-Dichlorobenzene	6.84	146	37797	2.618	ng		94
13) 1,4-Dichlorobenzene	6.91	146	37054	2.531	ng		95
14) 1,2-Dichlorobenzene	7.07	146	36026m	2.637	ng		
15) Benzyl Alcohol	7.02	79	27482	2.418	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.17	45	50828	2.281	ng		97
17) 2-Methylphenol	7.13	107	24617	2.468	ng		94
18) Hexachloroethane	7.42	117	7714	1.563	ng	#	79
19) n-Nitroso-di-n-propylamine	7.29	70	22479	2.365	ng		94
20) 3+4-Methylphenols	7.29	107	33492	2.657	ng	#	81
22) Acetophenone	7.29	105	44839	2.491	ng	#	92
24) Nitrobenzene	7.46	77	32073	2.507	ng		94
25) Isophorone	7.70	82	58529	2.701	ng		96
26) 2-Nitrophenol	7.79	139	11314	2.181	ng		93
27) 2,4-Dimethylphenol	7.82	122	27232	2.663	ng		93
28) bis(2-Chloroethoxy)methane	7.92	93	35394	2.455	ng		98
29) 2,4-Dichlorophenol	8.03	162	25750	2.341	ng		92
30) 1,2,4-Trichlorobenzene	8.12	180	30139	2.459	ng		95
31) Naphthalene	8.20	128	91530	2.681	ng		96
32) Benzoic acid	7.86	122	9318	1.378	ng		89
33) 4-Chloroaniline	8.24	127	16943	1.148	ng		95
34) Hexachlorobutadiene	8.32	225	17178	2.299	ng		92
35) Caprolactam	8.56	113	6756m	1.812	ng		
36) 4-Chloro-3-methylphenol	8.71	107	23195	2.145	ng		93
37) 2-Methylnaphthalene	8.89	142	60418	2.720	ng		96
38) 1-Methylnaphthalene	8.99	142	55701	2.611	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	27139	2.723	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	2122	0.439	ng		85
43) 2,4,6-Trichlorophenol	9.16	196	15422	2.318	ng		90
44) 2,4,5-Trichlorophenol	9.20	196	16001	2.344	ng	#	89
46) 1,1'-Biphenyl	9.35	154	70348	2.748	ng		93
47) 2-Chloronaphthalene	9.37	162	52256	2.576	ng		91
48) 2-Nitroaniline	9.46	65	14050	2.663	ng		90
49) Acenaphthylene	9.79	152	79914	2.699	ng		93
50) Dimethylphthalate	9.64	163	69114	3.117	ng		97
51) 2,6-Dinitrotoluene	9.70	165	10212	2.309	ng	#	92
52) Acenaphthene	9.96	154	46488	2.545	ng		98
53) 3-Nitroaniline	9.86	138	6851	1.453	ng	#	93
55) Dibenzofuran	10.13	168	69885	2.533	ng		91
56) 4-Nitrophenol	10.02	139	13160	3.657	ng		90
57) 2,4-Dinitrotoluene	10.10	165	9882	1.859	ng	#	96
58) Fluorene	10.47	166	51886	2.609	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	12127	2.111	ng	#	84
60) Diethylphthalate	10.34	149	55413	2.547	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	26450	2.408	ng		90
62) 4-Nitroaniline	10.47	138	9685	2.113	ng		90
63) Azobenzene	10.63	77	46574	2.133	ng		95
65) 4,6-Dinitro-2-methylphenol	10.50	198	163	6.764	ng	#	2
66) n-Nitrosodiphenylamine	10.58	169	43886	2.750	ng		97
67) 4-Bromophenyl-phenylether	10.96	248	15052	2.553	ng		91
68) Hexachlorobenzene	11.03	284	16348	2.487	ng		91
69) Atrazine	11.10	200	14776	2.666	ng		94
70) Pentachlorophenol	11.22	266	12851	3.162	ng		96
71) Phenanthrene	11.43	178	69942	2.775	ng		94
72) Anthracene	11.49	178	68331	2.701	ng		93
73) Carbazole	11.63	167	58394	2.377	ng		94
74) Di-n-butylphthalate	11.97	149	68777	2.497	ng		97
75) Fluoranthene	12.62	202	69836	2.736	ng		95
77) Benzidine	12.72	184	2960	0.160	ng	#	67
78) Pyrene	12.85	202	72760	2.101	ng		93
80) Butylbenzylphthalate	13.47	149	29875	2.116	ng	#	86
81) Benzo(a)anthracene	14.04	228	75147	2.685	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	10194	0.922	ng	#	98
83) Chrysene	14.07	228	69152	2.514	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	41342	2.325	ng	#	98
85) Di-n-octyl phthalate	14.64	149	73243	2.658	ng	#	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	43266	1.850	ng	#	90
88) Benzo(b)fluoranthene	15.09	252	55629m	2.695	ng		
89) Benzo(k)fluoranthene	15.12	252	53550	2.725	ng		97
90) Benzo(a)pyrene	15.45	252	48299	2.575	ng		97
91) Dibenzo(a,h)anthracene	17.02	278	37871	2.306	ng	#	87
92) Benzo(g,h,i)perylene	17.44	276	34397	2.145	ng		92

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

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