Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111523.D
Acq On : 16 Dec 2018 22:15
Operator : JU/SJ
Sample : J6391-08MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS016-0006-01MSD

Quant Time: Dec 17 06:46:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139105	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	545688	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	222730	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	312427	20.00	ng		0.00
76) Chrysene-d12	13.94	240	268932	20.00	ng		0.00
87) Perylene-d12	15.38	264	198260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	757559	90.62	ng		0.00
7) Phenol-d6	6.44	99	945156	85.00	ng		0.00
23) Nitrobenzene-d5	7.35	82	579144	63.20	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	138158	69.25	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	957790	66.42	ng		-0.01
79) Terphenyl-d14	12.89	244	600294	52.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	92741	22.971	ng	#	89
3) Pyridine	3.28	79	82899	8.175	ng		89
4) n-Nitrosodimethylamine	3.19	42	148470	32.235	ng		87
6) Aniline	6.45	93	70334	5.099	ng	#	1
8) 2-Chlorophenol	6.58	128	299075	29.943	ng		95
9) Benzaldehyde	6.33	77	94195	13.966	ng		92
10) Phenol	6.45	94	397235	32.069	ng		98
11) bis(2-Chloroethyl)ether	6.52	93	274678	28.288	ng		97
12) 1,3-Dichlorobenzene	6.73	146	314521	28.606	ng		97
13) 1,4-Dichlorobenzene	6.80	146	319782	28.654	ng		97
14) 1,2-Dichlorobenzene	6.96	146	303824	28.939	ng		97
15) Benzyl Alcohol	6.93	79	244027	28.842	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	544996	28.746	ng		98
17) 2-Methylphenol	7.06	107	227719	28.329	ng	#	94
18) Hexachloroethane	7.30	117	101239	24.376	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	202119	27.552	ng		93
20) 3+4-Methylphenols	7.20	107	299119	29.665	ng	#	74
22) Acetophenone	7.20	105	412819	33.889	ng	#	88
24) Nitrobenzene	7.37	77	289820	31.003	ng		96
25) Isophorone	7.61	82	538228	34.713	ng		99
26) 2-Nitrophenol	7.69	139	127702	26.342	ng		98
27) 2,4-Dimethylphenol	7.73	122	250286	35.612	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	345574	32.285	ng		99
29) 2,4-Dichlorophenol	7.94	162	228816	30.499	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	240461	30.617	ng		99
31) Naphthalene	8.09	128	826300	32.375	ng		97
32) Benzoic acid	7.83	122	90170	14.847	ng		97
33) 4-Chloroaniline	8.14	127	94508	8.327	ng		98
34) Hexachlorobutadiene	8.22	225	130734	30.214	ng		97
35) Caprolactam	8.50	113	57859	20.771	ng		95
36) 4-Chloro-3-methylphenol	8.63	107	224489	27.184	ng		97
37) 2-Methylnaphthalene	8.79	142	548652	31.767	ng		99
38) 1-Methylnaphthalene	8.89	142	507746	30.431	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	210563	34.472	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	50951	16.247 ng		98
43) 2,4,6-Trichlorophenol	9.07	196	129307	29.911 ng		98
44) 2,4,5-Trichlorophenol	9.12	196	134907	29.326 ng	#	91
46) 1,1'-Biphenyl	9.25	154	617947	32.744 ng		91
47) 2-Chloronaphthalene	9.27	162	469420	32.723 ng		93
48) 2-Nitroaniline	9.37	65	143958	30.907 ng		90
49) Acenaphthylene	9.69	152	696295	32.700 ng		95
50) Dimethylphthalate	9.55	163	602975	37.591 ng		99
51) 2,6-Dinitrotoluene	9.60	165	111216	30.803 ng	#	84
52) Acenaphthene	9.86	154	405698	30.145 ng		98
53) 3-Nitroaniline	9.77	138	77118	17.585 ng		99
54) 2,4-Dinitrophenol	9.88	184	9098	6.623 ng		90
55) Dibenzofuran	10.03	168	597150	30.568 ng		97
56) 4-Nitrophenol	9.95	139	140518	46.299 ng		99
57) 2,4-Dinitrotoluene	10.01	165	131826	27.818 ng		96
58) Fluorene	10.37	166	442079	31.199 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	93218	25.935 ng		96
60) Diethylphthalate	10.25	149	500423	30.799 ng		97
61) 4-Chlorophenyl-phenylether	10.36	204	202937	29.273 ng		97
62) 4-Nitroaniline	10.38	138	85327	19.654 ng		99
63) Azobenzene	10.52	77	434941	27.153 ng		97
65) 4,6-Dinitro-2-methylphenol	10.42	198	8247	4.676 ng		95
66) n-Nitrosodiphenylamine	10.48	169	378265	35.109 ng		98
67) 4-Bromophenyl-phenylether	10.86	248	112906	33.530 ng		95
68) Hexachlorobenzene	10.93	284	109167	31.517 ng		97
69) Atrazine	11.01	200	104948	33.706 ng		96
70) Pentachlorophenol	11.12	266	110929	52.214 ng		97
71) Phenanthrene	11.33	178	536878	33.349 ng		93
72) Anthracene	11.39	178	554287	33.667 ng		94
73) Carbazole	11.54	167	490050	28.784 ng		95
74) Di-n-butylphthalate	11.87	149	652221	34.398 ng	#	95
75) Fluoranthene	12.52	202	525600	33.373 ng		93
77) Benzidine	12.66	184	297	0.030 ng	#	1
78) Pyrene	12.75	202	539782	28.469 ng		94
80) Butylbenzylphthalate	13.37	149	259592	28.088 ng		92
81) Benzo(a)anthracene	13.94	228	474525	32.451 ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	39054	6.570 ng		97
83) Chrysene	13.97	228	468859	30.437 ng		95
84) Bis(2-ethylhexyl)phthalate	13.93	149	375941	31.848 ng		98
85) Di-n-octyl phthalate	14.54	149	688660	34.587 ng		97
86) Indeno(1,2,3-cd)pyrene	16.80	276	299965	26.981 ng		93
88) Benzo(b)fluoranthene	14.97	252	401678	34.751 ng		98
89) Benzo(k)fluoranthene	15.00	252	349980	31.688 ng		99
90) Benzo(a)pyrene	15.32	252	333129	31.960 ng		96
91) Dibenzo(a,h)anthracene	16.82	278	257441	31.310 ng	#	94
92) Benzo(g,h,i)perylene	17.23	276	247406	30.654 ng	#	93

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

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