Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
Data File : BF112575.D
Acq On : 14 Feb 2019 18:36
Operator : JU/SJ
Sample : K1457-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Manual Integrations APPROVED
Sohil
2/15/2019 4:53:20 PM

Quant Time: Feb 15 06:16:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87773	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	319235	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	152544	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	276856	20.00	ng		0.00
76) Chrysene-d12	14.05	240	155555	20.00	ng		0.04
87) Perylene-d12	15.57	264	124184	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	471121	114.01	ng		-0.01
7) Phenol-d6	6.49	99	576468	100.39	ng		0.00
23) Nitrobenzene-d5	7.40	82	365728	66.01	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	172242	97.01	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	676116	62.69	ng		-0.01
79) Terphenyl-d14	12.96	244	600976	72.77	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	49116	29.837	ng		94
3) Pyridine	3.35	79	119172	28.460	ng		96
4) n-Nitrosodimethylamine	3.27	42	72141	41.006	ng		88
6) Aniline	6.50	93	73279	10.728	ng	#	1
8) 2-Chlorophenol	6.63	128	181219	32.599	ng		97
9) Benzaldehyde	6.39	77	68644	22.872	ng		93
10) Phenol	6.50	94	202821	32.195	ng		88
11) bis(2-Chloroethyl)ether	6.57	93	156924	31.640	ng		96
12) 1,3-Dichlorobenzene	6.77	146	196824	30.402	ng		97
13) 1,4-Dichlorobenzene	6.85	146	199633	29.962	ng		95
14) 1,2-Dichlorobenzene	7.00	146	190342	30.512	ng		94
15) Benzyl Alcohol	6.98	79	144163	29.783	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	187056	29.374	ng	#	12
17) 2-Methylphenol	7.10	107	134944	30.622	ng	#	84
18) Hexachloroethane	7.35	117	50959	21.780	ng		92
19) n-Nitroso-di-n-propylamine	7.25	70	131760	33.278	ng		100
20) 3+4-Methylphenols	7.26	107	187165	33.214	ng	#	62
22) Acetophenone	7.25	105	254280	32.712	ng	#	91
24) Nitrobenzene	7.42	77	173955	31.438	ng		96
25) Isophorone	7.66	82	350746	40.354	ng	#	95
26) 2-Nitrophenol	7.74	139	58811	19.889	ng	#	81
27) 2,4-Dimethylphenol	7.78	122	151175	37.106	ng		88
28) bis(2-Chloroethoxy)methane	7.86	93	195306	33.001	ng		96
29) 2,4-Dichlorophenol	8.00	162	140017	30.711	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	158616	30.266	ng		98
31) Naphthalene	8.14	128	513454	34.393	ng		98
33) 4-Chloroaniline	8.20	127	60230	9.266	ng	#	89
34) Hexachlorobutadiene	8.25	225	91047	29.606	ng		99
35) Caprolactam	8.56	113	29415	18.289	ng	#	1
36) 4-Chloro-3-methylphenol	8.69	107	137737	28.538	ng		97
37) 2-Methylnaphthalene	8.83	142	346622	33.916	ng		96
38) 1-Methylnaphthalene	8.93	142	324192	33.095	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	150605	30.070	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	99381	32.190	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.17	196	100155	31.040	ng	#	88
46) 1,1'-Biphenyl	9.29	154	414232	31.061	ng		98
47) 2-Chloronaphthalene	9.32	162	314389	30.400	ng		95
48) 2-Nitroaniline	9.42	65	95277	33.802	ng		88
49) Acenaphthylene	9.74	152	516321	34.063	ng		98
50) Dimethylphthalate	9.59	163	440328	37.152	ng		99
51) 2,6-Dinitrotoluene	9.66	165	68366	25.756	ng	#	88
52) Acenaphthene	9.91	154	286679	31.660	ng		99
53) 3-Nitroaniline	9.83	138	61758	21.476	ng		87
55) Dibenzofuran	10.09	168	428443	30.963	ng		96
56) 4-Nitrophenol	10.03	139	64056	42.133	ng	#	79
57) 2,4-Dinitrotoluene	10.08	165	81773	24.199	ng	#	67
58) Fluorene	10.43	166	355310	34.314	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	80625	33.065	ng	#	94
60) Diethylphthalate	10.29	149	387733	32.966	ng		97
61) 4-Chlorophenyl-phenylether	10.41	204	165929	29.458	ng	#	86
62) 4-Nitroaniline	10.45	138	76496	27.120	ng		90
63) Azobenzene	10.57	77	305579	29.541	ng		98
66) n-Nitrosodiphenylamine	10.53	169	307992	33.008	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	98641	30.293	ng		97
68) Hexachlorobenzene	10.99	284	107325	30.721	ng		93
69) Atrazine	11.07	200	101877	33.838	ng		96
70) Pentachlorophenol	11.19	266	80541	59.249	ng		99
71) Phenanthrene	11.39	178	505155	35.096	ng		98
72) Anthracene	11.45	178	506042	35.295	ng		99
73) Carbazole	11.60	167	437731	30.951	ng		98
74) Di-n-butylphthalate	11.92	149	589623	33.588	ng		99
75) Fluoranthene	12.60	202	552997	35.821	ng		98
78) Pyrene	12.83	202	606000	56.269	ng		99
80) Butylbenzylphthalate	13.43	149	194866	37.398	ng	#	79
81) Benzo(a)anthracene	14.04	228	315776	34.532	ng	#	93
82) 3,3'-Dichlorobenzidine	13.99	252	20293	5.930	ng	#	63
83) Chrysene	14.08	228	342727	39.264	ng	#	94
84) Bis(2-ethylhexyl)phthalate	14.00	149	256757	34.714	ng	#	93
85) Di-n-octyl phthalate	14.62	149	348286	30.606	ng	#	80
86) Indeno(1,2,3-cd)pyrene	17.10	276	290173	41.954	ng		97
88) Benzo(b)fluoranthene	15.12	252	181302m	24.412	ng		
89) Benzo(k)fluoranthene	15.14	252	346560m	48.717	ng		
90) Benzo(a)pyrene	15.50	252	243289	36.407	ng	#	49
91) Dibenzo(a,h)anthracene	17.09	278	228017	42.337	ng	#	82
92) Benzo(g,h,i)perylene	17.56	276	250834	49.365	ng		92

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

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