Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113536.D
Acq On : 3 Apr 2019 7:16
Operator : JU/SJ
Sample : K2056-05MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CS-7MSD

Manual Integrations APPROVED
Sohil
4/3/2019 12:42:55 PM

Quant Time: Apr 03 08:28:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	135102	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	477927	20.00	ng		-0.01
39) Acenaphthene-d10	9.72	164	199433	20.00	ng		-0.02
64) Phenanthrene-d10	11.20	188	333996	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	327380	20.00	ng		-0.01
87) Perylene-d12	15.24	264	261725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	832584	100.77	ng		0.00
7) Phenol-d6	6.35	99	962630	92.10	ng		0.00
23) Nitrobenzene-d5	7.26	82	696504	86.50	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	274052	111.25	ng		-0.01
45) 2-Fluorobiphenyl	9.05	172	1214090	98.14	ng		-0.01
79) Terphenyl-d14	12.78	244	1178091	79.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	120115	28.652	ng	#	83
3) Pyridine	3.17	79	229892	22.245	ng		96
4) n-Nitrosodimethylamine	3.07	42	145072	31.577	ng		92
6) Aniline	6.36	93	123700	9.718	ng	#	24
8) 2-Chlorophenol	6.49	128	340198	35.456	ng		96
9) Benzaldehyde	6.25	77	171844	24.500	ng		98
10) Phenol	6.36	94	337271	28.264	ng	#	74
11) bis(2-Chloroethyl)ether	6.43	93	336041	36.737	ng		100
12) 1,3-Dichlorobenzene	6.63	146	307883	29.768	ng		98
13) 1,4-Dichlorobenzene	6.71	146	317003	31.744	ng		100
14) 1,2-Dichlorobenzene	6.86	146	297458	30.277	ng		99
15) Benzyl Alcohol	6.85	79	260344	37.755	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	509217	37.057	ng		82
17) 2-Methylphenol	6.97	107	262008	34.844	ng	#	93
18) Hexachloroethane	7.20	117	95063	26.504	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	237518	36.176	ng		99
20) 3+4-Methylphenols	7.12	107	337200	37.852	ng		92
22) Acetophenone	7.10	105	468098	42.947	ng		97
24) Nitrobenzene	7.28	77	349507	41.595	ng		99
25) Isophorone	7.52	82	635260	40.709	ng		100
26) 2-Nitrophenol	7.60	139	168073	37.842	ng		90
27) 2,4-Dimethylphenol	7.65	122	300540	47.041	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	414258	42.156	ng		99
29) 2,4-Dichlorophenol	7.85	162	284277	41.060	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	290522	38.893	ng		98
31) Naphthalene	8.00	128	916871	39.258	ng		99
32) Benzoic acid	7.76	122	43531	8.465	ng		94
33) 4-Chloroaniline	8.05	127	53055	5.826	ng		99
34) Hexachlorobutadiene	8.12	225	164583	37.071	ng		100
35) Caprolactam	8.41	113	55668	25.053	ng		95
36) 4-Chloro-3-methylphenol	8.55	107	266412	38.257	ng		98
37) 2-Methylnaphthalene	8.69	142	611826	41.984	ng		99
38) 1-Methylnaphthalene	8.79	142	573672	40.927	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	292479	45.687	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	14451	5.333	ng		98
43) 2,4,6-Trichlorophenol	8.97	196	182067	43.674	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	189544	41.084	ng		98
46) 1,1'-Biphenyl	9.15	154	753405	45.232	ng		99
47) 2-Chloronaphthalene	9.17	162	550277	42.908	ng		97
48) 2-Nitroaniline	9.27	65	176010	43.733	ng		96
49) Acenaphthylene	9.59	152	859569	41.452	ng		99
50) Dimethylphthalate	9.45	163	663201	44.873	ng		99
51) 2,6-Dinitrotoluene	9.52	165	134489	40.336	ng	#	86
52) Acenaphthene	9.76	154	496886	42.550	ng		100
53) 3-Nitroaniline	9.68	138	84949	22.592	ng		98
54) 2,4-Dinitrophenol	9.82	184	4376	2.639	ng		93
55) Dibenzofuran	9.93	168	731192	41.650	ng		98
56) 4-Nitrophenol	9.86	139	123749	46.163	ng		96
57) 2,4-Dinitrotoluene	9.92	165	151557	35.743	ng		96
58) Fluorene	10.27	166	545141	39.972	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	146374	37.518	ng		98
60) Diethylphthalate	10.15	149	630618	43.495	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	283856	42.705	ng		92
62) 4-Nitroaniline	10.29	138	143987	37.193	ng		97
63) Azobenzene	10.42	77	535600	39.244	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	5472	2.995	ng		82
66) n-Nitrosodiphenylamine	10.38	169	496322	48.428	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	170712	46.895	ng		99
68) Hexachlorobenzene	10.82	284	185652	43.937	ng	#	95
69) Atrazine	10.91	200	146894	45.409	ng		99
70) Pentachlorophenol	11.02	266	89481	40.646	ng		98
71) Phenanthrene	11.23	178	740926	44.671	ng		98
72) Anthracene	11.28	178	768575	45.620	ng		99
73) Carbazole	11.43	167	713366	44.375	ng		99
74) Di-n-butylphthalate	11.77	149	865255	46.413	ng		99
75) Fluoranthene	12.41	202	846224	45.131	ng		100
77) Benzidine	12.53	184	398946	31.822	ng		96
78) Pyrene	12.64	202	866836	38.210	ng		99
80) Butylbenzylphthalate	13.26	149	380838	38.091	ng		97
81) Benzo(a)anthracene	13.83	228	779958	41.620	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	184980	24.605	ng		99
83) Chrysene	13.86	228	792914	41.657	ng		100
84) Bis(2-ethylhexyl)phthalate	13.82	149	507353	41.394	ng		99
85) Di-n-octyl phthalate	14.43	149	958189	46.056	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	582899	35.682	ng		98
88) Benzo(b)fluoranthene	14.84	252	720488	44.315	ng		99
89) Benzo(k)fluoranthene	14.87	252	663019m	46.437	ng		
90) Benzo(a)pyrene	15.18	252	624482	43.326	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	506932	40.675	ng		99
92) Benzo(g,h,i)perylene	17.00	276	481954	38.353	ng		100

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

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