Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111944.D
Acq On : 9 Jan 2019 12:06
Operator : JU/SJ
Sample : K1066-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TN-1419MSD

Manual Integrations APPROVED
Sohil
1/10/2019 11:45:49 AM

Quant Time: Jan 09 12:45:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	223647	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	840779	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	409680	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	596324	20.00	ng		0.00
76) Chrysene-d12	14.06	240	510003	20.00	ng		0.00
87) Perylene-d12	15.54	264	475773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1425844	109.07	ng		0.01
7) Phenol-d6	6.54	99	1927424	114.39	ng		0.00
23) Nitrobenzene-d5	7.45	82	1235935	78.56	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	476091	89.34	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	2189761	77.94	ng		0.00
79) Terphenyl-d14	13.00	244	1905905	70.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	157717	27.592	ng		98
3) Pyridine	3.53	79	448219	30.253	ng		99
4) n-Nitrosodimethylamine	3.47	42	258636	35.087	ng		96
6) Aniline	6.55	93	313889	15.407	ng	#	1
8) 2-Chlorophenol	6.69	128	514238	35.426	ng		92
9) Benzaldehyde	6.43	77	182155	15.278	ng		98
10) Phenol	6.55	94	662990	36.204	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	474243	33.475	ng		99
12) 1,3-Dichlorobenzene	6.83	146	562181	33.408	ng		97
13) 1,4-Dichlorobenzene	6.90	146	570501	33.409	ng		99
14) 1,2-Dichlorobenzene	7.06	146	528863	32.399	ng		97
15) Benzyl Alcohol	7.03	79	457759	34.337	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	785217	32.508	ng		99
17) 2-Methylphenol	7.15	107	400335	34.315	ng		96
18) Hexachloroethane	7.40	117	200589	33.644	ng		100
19) n-Nitroso-di-n-propylamine	7.30	70	367661	33.584	ng		98
20) 3+4-Methylphenols	7.30	107	518940	35.741	ng	#	81
22) Acetophenone	7.29	105	694067	32.607	ng	#	96
24) Nitrobenzene	7.47	77	541840	34.048	ng		98
25) Isophorone	7.71	82	947921	37.211	ng		99
26) 2-Nitrophenol	7.79	139	279019	35.609	ng		96
27) 2,4-Dimethylphenol	7.83	122	455586	40.213	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	618534	36.376	ng		99
29) 2,4-Dichlorophenol	8.03	162	463064	35.545	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	494460	34.405	ng		98
31) Naphthalene	8.19	128	1503781	37.677	ng		99
32) Benzoic acid	7.95	122	174584	23.746	ng		98
33) 4-Chloroaniline	8.23	127	127832	7.409	ng		97
34) Hexachlorobutadiene	8.31	225	298023	33.310	ng		99
35) Caprolactam	8.61	113	149430m	35.107	ng		
36) 4-Chloro-3-methylphenol	8.73	107	422906	32.649	ng		97
37) 2-Methylnaphthalene	8.89	142	1006990	40.717	ng		99
38) 1-Methylnaphthalene	8.99	142	906561	38.218	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	477277	36.543	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	413720	54.785	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	318507	35.954	ng	100
44) 2,4,5-Trichlorophenol	9.22	196	327722	35.309	ng	98
46) 1,1'-Biphenyl	9.35	154	1110472	32.404	ng	99
47) 2-Chloronaphthalene	9.37	162	873533	32.479	ng	99
48) 2-Nitroaniline	9.47	65	283858	34.520	ng	92
49) Acenaphthylene	9.79	152	1454426	36.577	ng	99
50) Dimethylphthalate	9.65	163	1312157	42.637	ng	99
51) 2,6-Dinitrotoluene	9.71	165	244778	35.568	ng	95
52) Acenaphthene	9.96	154	837329	32.665	ng	99
53) 3-Nitroaniline	9.87	138	122948	16.682	ng	98
54) 2,4-Dinitrophenol	9.99	184	146217	50.176	ng	91
55) Dibenzofuran	10.13	168	1140652	30.597	ng	98
56) 4-Nitrophenol	10.06	139	300185	57.645	ng	98
57) 2,4-Dinitrotoluene	10.12	165	278783	31.350	ng	99
58) Fluorene	10.48	166	875560	32.277	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	244938	31.322	ng	96
60) Diethylphthalate	10.35	149	933580	31.346	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	443447	29.152	ng	95
62) 4-Nitroaniline	10.49	138	179246	25.641	ng	99
63) Azobenzene	10.63	77	842686	29.619	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	99251	26.974	ng	96
66) n-Nitrosodiphenylamine	10.59	169	767140	38.335	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	267334	34.612	ng	95
68) Hexachlorobenzene	11.03	284	287154	33.546	ng	97
69) Atrazine	11.11	200	245216	34.877	ng	97
70) Pentachlorophenol	11.23	266	256069	52.570	ng	97
71) Phenanthrene	11.44	178	1202343	37.712	ng	100
72) Anthracene	11.49	178	1181892	36.518	ng	99
73) Carbazole	11.65	167	984887	31.284	ng	99
74) Di-n-butylphthalate	11.97	149	1280117	35.006	ng	100
75) Fluoranthene	12.63	202	1239445	37.869	ng	97
77) Benzidine	12.74	184	431380	28.307	ng	95
78) Pyrene	12.86	202	1293800	36.869	ng	99
80) Butylbenzylphthalate	13.47	149	544824	36.724	ng	95
81) Benzo(a)anthracene	14.04	228	1128265	38.440	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	305115	28.158	ng	99
83) Chrysene	14.09	228	1063334	37.995	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	756424	38.824	ng	99
85) Di-n-octyl phthalate	14.64	149	1187166	42.578	ng	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	926564	45.414	ng	99
88) Benzo(b)fluoranthene	15.11	252	1105933	38.859	ng	99
89) Benzo(k)fluoranthene	15.14	252	973390	36.385	ng	99
90) Benzo(a)pyrene	15.48	252	988795	39.513	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	756150	37.569	ng	99
92) Benzo(g,h,i)perylene	17.50	276	740929	37.637	ng	98

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

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