Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119451.D
Acq On : 19 Mar 2020 21:24
Operator : CG/JU
Sample : L1954-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11AMSD

Manual Integrations APPROVED
mohammad
3/20/2020 11:47:27 AM

Quant Time: Mar 20 04:37:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	333136	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1301537	20.00	ng		-0.01
39) Acenaphthene-d10	9.90	164	656529	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	1180297	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	601642	20.00	ng		0.00
87) Perylene-d12	15.49	264	695294	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1833772	87.63	ng		0.00
7) Phenol-d6	6.47	99	2377582	88.94	ng		0.00
23) Nitrobenzene-d5	7.41	82	1447922	60.46	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	611261	90.25	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2629826	59.34	ng		0.00
79) Terphenyl-d14	12.97	244	2442725	79.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	323626	31.312	ng		99
3) Pyridine	3.40	79	794499	27.903	ng		96
4) n-Nitrosodimethylamine	3.36	42	479059	34.500	ng		98
6) Aniline	6.51	93	447651	12.133	ng		96
8) 2-Chlorophenol	6.63	128	873186	39.728	ng		98
9) Benzaldehyde	6.40	77	568095	33.499	ng		95
10) Phenol	6.49	94	1107007	38.809	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	835796	36.636	ng		97
12) 1,3-Dichlorobenzene	6.79	146	878782	36.942	ng		98
13) 1,4-Dichlorobenzene	6.87	146	883820	37.145	ng		98
14) 1,2-Dichlorobenzene	7.02	146	833682	37.485	ng		100
15) Benzyl Alcohol	6.99	79	748701	37.232	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1592698	34.612	ng		99
17) 2-Methylphenol	7.10	107	698587	34.690	ng		98
18) Hexachloroethane	7.36	117	334489	38.360	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	588439	36.519	ng		99
20) 3+4-Methylphenols	7.25	107	853670	34.590	ng	#	88
22) Acetophenone	7.26	105	1119828	36.008	ng	#	92
24) Nitrobenzene	7.43	77	900695	35.193	ng		95
25) Isophorone	7.67	82	1659490	34.160	ng		97
26) 2-Nitrophenol	7.75	139	432449	42.914	ng		94
27) 2,4-Dimethylphenol	7.79	122	799697	38.379	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	1040377	36.216	ng		99
29) 2,4-Dichlorophenol	7.99	162	703589	36.749	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	761168	35.949	ng		98
31) Naphthalene	8.16	128	2415663	36.066	ng		99
32) Benzoic acid	7.90	122	492286	36.728	ng		96
33) 4-Chloroaniline	8.20	127	163672	5.333	ng		97
34) Hexachlorobutadiene	8.28	225	421702	35.597	ng		98
35) Caprolactam	8.57	113	212452m	33.906	ng		
36) 4-Chloro-3-methylphenol	8.68	107	749325	35.809	ng		96
37) 2-Methylnaphthalene	8.85	142	1616518	36.775	ng		99
38) 1-Methylnaphthalene	8.95	142	1518752	36.503	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	691974	35.959	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	729492	66.680	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	509249	36.980	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	521756	33.822	ng	98
46) 1,1'-Biphenyl	9.32	154	1886900	35.288	ng	100
47) 2-Chloronaphthalene	9.34	162	1486090	35.481	ng	99
48) 2-Nitroaniline	9.43	65	521535	36.075	ng	98
49) Acenaphthylene	9.76	152	2357551	35.843	ng	100
50) Dimethylphthalate	9.62	163	1850259	39.677	ng	97
51) 2,6-Dinitrotoluene	9.67	165	369565	36.973	ng	96
52) Acenaphthene	9.93	154	1514058	36.924	ng	99
53) 3-Nitroaniline	9.84	138	143136	11.343	ng	92
54) 2,4-Dinitrophenol	9.95	184	251564	60.149	ng	95
55) Dibenzofuran	10.10	168	2083490	35.440	ng	100
56) 4-Nitrophenol	10.00	139	653304	65.626	ng	91
57) 2,4-Dinitrotoluene	10.08	165	489885	38.905	ng	94
58) Fluorene	10.45	166	1545570	35.551	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	428530	37.163	ng	98
60) Diethylphthalate	10.32	149	1705028	36.024	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	752139	35.379	ng	96
62) 4-Nitroaniline	10.46	138	342172	28.276	ng	97
63) Azobenzene	10.60	77	1663137	34.894	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	189425	38.273	ng	93
66) n-Nitrosodiphenylamine	10.56	169	1432719	36.976	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	483883	35.998	ng	99
68) Hexachlorobenzene	10.99	284	521197	37.884	ng	99
69) Atrazine	11.08	200	414548	39.025	ng	99
70) Pentachlorophenol	11.19	266	547268	67.841	ng	98
71) Phenanthrene	11.41	178	2236208	36.538	ng	100
72) Anthracene	11.46	178	2290562	36.825	ng	99
73) Carbazole	11.61	167	2050003	33.297	ng	99
74) Di-n-butylphthalate	11.95	149	2528804	38.396	ng	100
75) Fluoranthene	12.60	202	2301447	34.747	ng	99
77) Benzidine	12.72	184	744739	29.249	ng	98
78) Pyrene	12.83	202	2239328	45.352	ng	100
80) Butylbenzylphthalate	13.45	149	892356	44.684	ng	96
81) Benzo(a)anthracene	14.02	228	1545872	39.512	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	345472	22.395	ng	99
83) Chrysene	14.05	228	1578362	39.090	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1074122	45.119	ng	98
85) Di-n-octyl phthalate	14.63	149	1777314	42.450	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1857216	48.839	ng	98
88) Benzo(b)fluoranthene	15.07	252	1653169	35.594	ng	98
89) Benzo(k)fluoranthene	15.10	252	1464362	33.111	ng	97
90) Benzo(a)pyrene	15.43	252	1480780	35.082	ng	96
91) Dibenzo(a,h)anthracene	16.99	278	1506641	40.810	ng	98
92) Benzo(g,h,i)perylene	17.41	276	1591956	42.922	ng	98

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

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