Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119495.D
Acq On : 24 Mar 2020 19:34
Operator : CG/JU
Sample : L2009-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACKS-66-67MSD

Manual Integrations APPROVED
mohammad
3/25/2020 12:29:39 PM

Quant Time: Mar 25 00:23:31 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	313464	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1205737	20.00	ng		-0.01
39) Acenaphthene-d10	9.89	164	623533	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	1207748	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	804606	20.00	ng		-0.01
87) Perylene-d12	15.49	264	704707	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2193434	111.39	ng		0.00
7) Phenol-d6	6.47	99	2879085	114.46	ng		0.00
23) Nitrobenzene-d5	7.41	82	1831377	82.55	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	831063	129.19	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	3349619	79.58	ng		-0.01
79) Terphenyl-d14	12.97	244	3681756	89.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	381636	39.242	ng		98
3) Pyridine	3.41	79	1042867	38.924	ng		97
4) n-Nitrosodimethylamine	3.36	42	571956	43.775	ng		98
6) Aniline	6.50	93	598315	17.234	ng		100
8) 2-Chlorophenol	6.63	128	1072851	51.876	ng		99
9) Benzaldehyde	6.39	77	689423	43.205	ng		99
10) Phenol	6.49	94	1306148	48.664	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	1000808	46.622	ng		97
12) 1,3-Dichlorobenzene	6.79	146	1065297	47.593	ng		98
13) 1,4-Dichlorobenzene	6.86	146	1078038	48.150	ng		99
14) 1,2-Dichlorobenzene	7.02	146	1006967	48.118	ng		98
15) Benzyl Alcohol	6.99	79	903702	47.761	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1953427	45.115	ng		98
17) 2-Methylphenol	7.10	107	862060	45.494	ng		99
18) Hexachloroethane	7.36	117	411196	50.116	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	730000	48.148	ng		98
20) 3+4-Methylphenols	7.25	107	1030307	44.367	ng	#	83
22) Acetophenone	7.26	105	1363567	47.329	ng		94
24) Nitrobenzene	7.43	77	1107184	46.698	ng		99
25) Isophorone	7.67	82	2070342	46.003	ng		98
26) 2-Nitrophenol	7.75	139	558186	59.793	ng		100
27) 2,4-Dimethylphenol	7.78	122	939089	48.650	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1280911	48.132	ng		99
29) 2,4-Dichlorophenol	7.99	162	868292	48.955	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	937128	47.776	ng		97
31) Naphthalene	8.16	128	2924995	47.140	ng		100
32) Benzoic acid	7.92	122	734833	59.180	ng		98
33) 4-Chloroaniline	8.20	127	186371	6.555	ng		97
34) Hexachlorobutadiene	8.27	225	536529	48.888	ng		98
35) Caprolactam	8.57	113	281414m	48.480	ng		
36) 4-Chloro-3-methylphenol	8.69	107	949189	48.965	ng		98
37) 2-Methylnaphthalene	8.85	142	2017573	49.545	ng		99
38) 1-Methylnaphthalene	8.95	142	1881364	48.811	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	851918	46.613	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1007698	96.985	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	647206	49.485	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	667400	45.552	ng		98
46) 1,1'-Biphenyl	9.32	154	2375316	46.773	ng		99
47) 2-Chloronaphthalene	9.34	162	1847438	46.442	ng		98
48) 2-Nitroaniline	9.43	65	678471	49.414	ng		98
49) Acenaphthylene	9.76	152	2876250	46.043	ng		99
50) Dimethylphthalate	9.62	163	2377453	53.679	ng		99
51) 2,6-Dinitrotoluene	9.67	165	494977	52.140	ng		97
52) Acenaphthene	9.93	154	1984624	50.962	ng		99
53) 3-Nitroaniline	9.84	138	179626	14.987	ng		94
54) 2,4-Dinitrophenol	9.95	184	463211	109.786	ng	#	85
55) Dibenzofuran	10.10	168	2585366	46.304	ng		97
56) 4-Nitrophenol	10.00	139	897443	94.921	ng		89
57) 2,4-Dinitrotoluene	10.08	165	656752	54.917	ng		92
58) Fluorene	10.45	166	1960976	47.494	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	571490	52.183	ng		98
60) Diethylphthalate	10.32	149	2240638	49.846	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	967037	47.894	ng		99
62) 4-Nitroaniline	10.46	138	473206	41.174	ng		98
63) Azobenzene	10.60	77	2114252	46.706	ng		94
65) 4,6-Dinitro-2-methylphenol	10.49	198	307439	60.706	ng		93
66) n-Nitrosodiphenylamine	10.56	169	1844985	46.534	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	639337	46.481	ng		93
68) Hexachlorobenzene	10.99	284	682067	48.450	ng		94
69) Atrazine	11.08	200	554258	50.991	ng		99
70) Pentachlorophenol	11.19	266	784803	95.076	ng		98
71) Phenanthrene	11.40	178	2847681	45.472	ng		98
72) Anthracene	11.46	178	2946865	46.299	ng		99
73) Carbazole	11.61	167	2738508	43.469	ng		98
74) Di-n-butylphthalate	11.95	149	3430515	50.904	ng		97
75) Fluoranthene	12.59	202	3093209	45.639	ng		99
77) Benzidine	12.71	184	1075644	31.589	ng		99
78) Pyrene	12.82	202	3105184	47.025	ng		99
80) Butylbenzylphthalate	13.44	149	1533955	57.435	ng		100
81) Benzo(a)anthracene	14.02	228	2328080	44.495	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	406705	19.714	ng		96
83) Chrysene	14.05	228	2420386	44.823	ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1964102	61.691	ng		99
85) Di-n-octyl phthalate	14.62	149	3316368	59.228	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2290942	45.047	ng		98
88) Benzo(b)fluoranthene	15.06	252	2241564	47.618	ng		99
89) Benzo(k)fluoranthene	15.09	252	2157114	48.124	ng		99
90) Benzo(a)pyrene	15.43	252	1975264	46.172	ng		98
91) Dibenzo(a,h)anthracene	16.98	278	1910653	51.062	ng		98
92) Benzo(g,h,i)perylene	17.41	276	1930970	51.367	ng		96

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

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