Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123829.D
Acq On : 5 May 2021 16:00
Operator : JU/CG
Sample : M2275-09MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-020MSD

Manual Integrations APPROVED
mohammad
5/6/2021 4:50:51 PM

Quant Time: May 05 16:30:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 13:09:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	231685	20.00	ng		0.00
21) Naphthalene-d8	8.081	136	889394	20.00	ng		0.00
39) Acenaphthene-d10	9.839	164	461891	20.00	ng		0.00
64) Phenanthrene-d10	11.328	188	843404	20.00	ng		0.00
76) Chrysene-d12	13.974	240	535090	20.00	ng		0.00
86) Perylene-d12	15.427	264	515750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1660501	113.54	ng		0.01
7) Phenol-d6	6.440	99	2171827	107.81	ng		0.00
23) Nitrobenzene-d5	7.363	82	1520364	77.17	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	621737	108.13	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2242004	70.69	ng		0.00
79) Terphenyl-d14	12.916	244	2095754	75.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	340329	43.20	ng		94
3) Pyridine	3.246	79	824893	42.84	ng		89
4) n-Nitrosodimethylamine	3.193	42	527054	49.70	ng		94
6) Aniline	6.457	93	706605	30.33	ng	#	1
8) 2-Chlorophenol	6.581	128	798018	50.73	ng		97
9) Benzaldehyde	6.340	77	678918	69.63	ng		99
10) Phenol	6.457	94	1055382	48.77	ng		84
11) bis(2-Chloroethyl)ether	6.534	93	798108	50.51	ng		96
12) 1,3-Dichlorobenzene	6.734	146	764658	48.11	ng		98
13) 1,4-Dichlorobenzene	6.810	146	783082	48.70	ng		99
14) 1,2-Dichlorobenzene	6.963	146	751258	48.11	ng		97
15) Benzyl Alcohol	6.945	79	800730	50.71	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1615127	48.06	ng		95
17) 2-Methylphenol	7.063	107	683066	50.95	ng		94
18) Hexachloroethane	7.310	117	314143	49.35	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	591798	47.58	ng		98
20) 3+4-Methylphenols	7.216	107	836288	49.02	ng	#	87
22) Acetophenone	7.204	105	1174589	48.59	ng	#	99
24) Nitrobenzene	7.381	77	957913	46.68	ng		97
25) Isophorone	7.622	82	1664972	45.07	ng		100
26) 2-Nitrophenol	7.698	139	422177	50.41	ng		94
27) 2,4-Dimethylphenol	7.740	122	716035	54.43	ng		95
28) bis(2-Chloroethoxy)met...	7.834	93	967339	51.39	ng		98
29) 2,4-Dichlorophenol	7.945	162	623028	48.05	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	637336	46.91	ng		99
31) Naphthalene	8.104	128	2162355	47.21	ng		100
32) Benzoic acid	7.887	122	477867	52.35	ng		97
33) 4-Chloroaniline	8.151	127	127814	6.69	ng		93
34) Hexachlorobutadiene	8.222	225	382988	46.25	ng		100
35) Caprolactam	8.534	113	241505m	53.05	ng		
36) 4-Chloro-3-methylphenol	8.651	107	818540	50.60	ng		92
37) 2-Methylnaphthalene	8.798	142	1439405	48.23	ng		98
38) 1-Methylnaphthalene	8.898	142	1326448	47.29	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	622673	45.81	ng		99
41) Hexachlorocyclopentadiene	8.951	237	568796	96.11	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	453285	48.41	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	475630	47.35	ng		98
46) 1,1'-Biphenyl	9.263	154	1740334	45.99	ng		99
47) 2-Chloronaphthalene	9.287	162	1297817	45.49	ng		99
48) 2-Nitroaniline	9.386	65	596773	47.48	ng		99
49) Acenaphthylene	9.704	152	2152376	46.74	ng		99
50) Dimethylphthalate	9.569	163	1653553	50.83	ng		99
51) 2,6-Dinitrotoluene	9.628	165	351987	46.80	ng		93
52) Acenaphthene	9.875	154	1268772	45.22	ng		99
53) 3-Nitroaniline	9.792	138	193599	21.55	ng		97
54) 2,4-Dinitrophenol	9.904	184	388922	97.36	ng		98
55) Dibenzofuran	10.045	168	1906598	44.93	ng		100
56) 4-Nitrophenol	9.975	139	618785	94.58	ng		96
57) 2,4-Dinitrotoluene	10.034	165	480684	46.88	ng		92
58) Fluorene	10.392	166	1484288	45.51	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	385947	48.52	ng		97
60) Diethylphthalate	10.269	149	1606600	46.40	ng		99
61) 4-Chlorophenyl-phenyle...	10.381	204	702379	46.21	ng		97
62) 4-Nitroaniline	10.416	138	378416	42.51	ng		99
63) Azobenzene	10.539	77	1763268	44.30	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	242253	46.36	ng	#	81
66) n-Nitrosodiphenylamine	10.504	169	1328536	48.15	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	433719	48.83	ng		96
68) Hexachlorobenzene	10.939	284	495069	48.97	ng		99
69) Atrazine	11.033	200	418363	50.16	ng		97
70) Pentachlorophenol	11.139	266	516127	100.17	ng		97
71) Phenanthrene	11.357	178	2093253	47.32	ng		100
72) Anthracene	11.404	178	2142043	48.70	ng		99
73) Carbazole	11.563	167	2027908	45.62	ng		99
74) Di-n-butylphthalate	11.892	149	2424306	48.57	ng		100
75) Fluoranthene	12.545	202	2172470	45.03	ng		99
77) Benzidine	12.663	184	1026188	74.06	ng		99
78) Pyrene	12.775	202	2153326	51.84	ng		99
80) Butylbenzylphthalate	13.392	149	931630	52.50	ng		98
81) Benzo(a)anthracene	13.963	228	1541262	47.53	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	276602	27.78	ng	#	98
83) Chrysene	13.998	228	1559588	47.81	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	1113026	50.49	ng		100
85) Di-n-octyl phthalate	14.569	149	1805726	51.23	ng		98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1713530	57.05	ng		99
88) Benzo(b)fluoranthene	15.010	252	1530993	44.05	ng		98
89) Benzo(k)fluoranthene	15.039	252	1445126	43.57	ng		100
90) Benzo(a)pyrene	15.368	252	1463996	49.26	ng		96
91) Dibenzo(a,h)anthracene	16.898	278	1391098	54.85	ng		98
92) Benzo(g,h,i)perylene	17.321	276	1415366	55.73	ng		97

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

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