Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123468.D
Acq On : 25 Mar 2021 18:45
Operator : JU/CG
Sample : M1786-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Manual Integrations APPROVED
mohammad
3/26/2021 1:27:44 PM

Quant Time: Mar 26 00:38:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 17:06:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	234373	20.00	ng		0.00
21) Naphthalene-d8	8.187	136	875719	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	472101	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	731883	20.00	ng		0.00
76) Chrysene-d12	14.086	240	413671	20.00	ng		0.00
86) Perylene-d12	15.580	264	437373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1428449	99.71	ng		0.02
7) Phenol-d6	6.528	99	1823381	95.61	ng		0.00
23) Nitrobenzene-d5	7.463	82	1223420	75.40	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	511956	97.00	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	2106578	63.75	ng		0.00
79) Terphenyl-d14	13.022	244	1676793	68.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	262527	38.10	ng	#	66
3) Pyridine	3.516	79	722614	39.88	ng	#	63
4) n-Nitrosodimethylamine	3.469	42	452104	41.70	ng	#	69
6) Aniline	6.557	93	462926	19.84	ng		92
8) 2-Chlorophenol	6.687	128	688895	43.61	ng		91
9) Benzaldehyde	6.451	77	541159	Below Cal			99
10) Phenol	6.545	94	877752	44.84	ng		95
11) bis(2-Chloroethyl)ether	6.634	93	665094	42.61	ng	#	82
12) 1,3-Dichlorobenzene	6.845	146	720108	42.24	ng		98
13) 1,4-Dichlorobenzene	6.916	146	721569	42.33	ng		96
14) 1,2-Dichlorobenzene	7.075	146	692029	43.70	ng		98
15) Benzyl Alcohol	7.040	79	630497	42.22	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1432204	40.88	ng		87
17) 2-Methylphenol	7.151	107	553415	42.61	ng		97
18) Hexachloroethane	7.416	117	271510	42.51	ng		97
19) n-Nitroso-di-n-propyla...	7.316	70	497271	40.31	ng	#	76
20) 3+4-Methylphenols	7.304	107	678362	41.93	ng		95
22) Acetophenone	7.310	105	924934	42.07	ng	#	84
24) Nitrobenzene	7.487	77	744326	41.50	ng		96
25) Isophorone	7.722	82	1385179	39.71	ng		97
26) 2-Nitrophenol	7.798	139	347109	54.13	ng	#	86
27) 2,4-Dimethylphenol	7.840	122	605588	42.47	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	818823	43.55	ng		100
29) 2,4-Dichlorophenol	8.045	162	578058	41.30	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	626221	41.01	ng		99
31) Naphthalene	8.210	128	1859600	39.50	ng		99
32) Benzoic acid	7.951	122	313732	37.29	ng		98
33) 4-Chloroaniline	8.251	127	92496	4.79	ng		96
34) Hexachlorobutadiene	8.328	225	376084	40.38	ng		98
35) Caprolactam	8.634	113	194602m	46.24	ng		
36) 4-Chloro-3-methylphenol	8.734	107	615125	41.88	ng		96
37) 2-Methylnaphthalene	8.904	142	1274972	39.50	ng		99
38) 1-Methylnaphthalene	9.004	142	1181489	38.99	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	585313	41.67	ng		98
41) Hexachlorocyclopentadiene	9.057	237	518360	66.09	ng		97
43) 2,4,6-Trichlorophenol	9.181	196	410650	41.75	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	424101	41.03	ng		95
46) 1,1'-Biphenyl	9.369	154	1510529	41.52	ng		99
47) 2-Chloronaphthalene	9.392	162	1171101	39.46	ng		100
48) 2-Nitroaniline	9.486	65	437165	48.54	ng	#	79
49) Acenaphthylene	9.810	152	1919279	41.34	ng		99
50) Dimethylphthalate	9.669	163	1438042	42.89	ng		99
51) 2,6-Dinitrotoluene	9.728	165	309460	44.18	ng	#	77
52) Acenaphthene	9.981	154	1212693	41.85	ng		99
53) 3-Nitroaniline	9.892	138	127707	17.26	ng		89
54) 2,4-Dinitrophenol	9.998	184	187737	58.88	ng		90
55) Dibenzofuran	10.157	168	1599165	38.38	ng		98
56) 4-Nitrophenol	10.057	139	456527	76.52	ng	#	67
57) 2,4-Dinitrotoluene	10.133	165	407138	46.57	ng		94
58) Fluorene	10.498	166	1202891	38.24	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	342491	40.59	ng		95
60) Diethylphthalate	10.369	149	1307210	39.94	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	601070	39.10	ng		96
62) 4-Nitroaniline	10.510	138	255023	36.38	ng		98
63) Azobenzene	10.651	77	1309372	36.35	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	132565	35.20	ng		84
66) n-Nitrosodiphenylamine	10.610	169	1070362	43.65	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	387543	44.71	ng		98
68) Hexachlorobenzene	11.045	284	418209	43.78	ng		97
69) Atrazine	11.133	200	384765	49.36	ng		96
70) Pentachlorophenol	11.239	266	424894	74.54	ng		99
71) Phenanthrene	11.463	178	1642417	40.59	ng		99
72) Anthracene	11.516	178	1659714	40.78	ng		99
73) Carbazole	11.663	167	1456518	37.88	ng		100
74) Di-n-butylphthalate	11.998	149	1839217	42.02	ng		99
75) Fluoranthene	12.651	202	1501592	34.28	ng		98
77) Benzidine	12.769	184	549196	44.57	ng		99
78) Pyrene	12.880	202	1447806	40.57	ng		100
80) Butylbenzylphthalate	13.504	149	606710	45.84	ng		99
81) Benzo(a)anthracene	14.074	228	1125341	41.56	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	289660	32.89	ng		98
83) Chrysene	14.110	228	1127611	40.34	ng		100
84) Bis(2-ethylhexyl)phtha...	14.063	149	741755	42.57	ng		98
85) Di-n-octyl phthalate	14.680	149	1259396	45.73	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.098	276	1039858	38.26	ng		99
88) Benzo(b)fluoranthene	15.139	252	1205143	39.94	ng		99
89) Benzo(k)fluoranthene	15.174	252	1057477m	37.07	ng		
90) Benzo(a)pyrene	15.515	252	1015797	39.00	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	883599	38.29	ng		99
92) Benzo(g,h,i)perylene	17.557	276	811592	35.14	ng		99

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

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