Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061121\
Data File : BF124273.D
Acq On : 11 Jun 2021 21:47
Operator : JU/CG
Sample : M2638-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ND-1MSD

Quant Time: Jun 11 23:47:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	34233	20.00	ng		-0.01
21) Naphthalene-d8	8.128	136	125352	20.00	ng		# 0.00
39) Acenaphthene-d10	9.880	164	77336	20.00	ng		-0.01
64) Phenanthrene-d10	11.369	188	139893	20.00	ng		0.00
76) Chrysene-d12	14.015	240	87725	20.00	ng		0.00
86) Perylene-d12	15.492	264	92676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	220643	97.02	ng		-0.01
7) Phenol-d6	6.487	99	283588	92.77	ng		-0.01
23) Nitrobenzene-d5	7.404	82	212704	67.30	ng		-0.01
42) 2,4,6-Tribromophenol	10.675	330	108636	99.15	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	407750	66.35	ng		0.00
79) Terphenyl-d14	12.957	244	462292	72.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	32770	32.93	ng	#	89
3) Pyridine	3.357	79	78443m	30.78	ng		
4) n-Nitrosodimethylamine	3.310	42	59294	39.15	ng		91
6) Aniline	6.504	93	127198	36.43	ng	#	42
8) 2-Chlorophenol	6.634	128	106463	42.07	ng		94
9) Benzaldehyde	6.392	77	81884	60.27	ng		94
10) Phenol	6.498	94	135614	41.05	ng	#	63
11) bis(2-Chloroethyl)ether	6.575	93	98113	40.74	ng		100
12) 1,3-Dichlorobenzene	6.781	146	123917	41.89	ng		95
13) 1,4-Dichlorobenzene	6.857	146	124762	42.05	ng		98
14) 1,2-Dichlorobenzene	7.010	146	122295	43.08	ng		99
15) Benzyl Alcohol	6.987	79	109202	39.63	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	7.116	45	149339	39.75	ng		79
17) 2-Methylphenol	7.104	107	84078	40.87	ng	#	86
18) Hexachloroethane	7.351	117	48020	41.10	ng	#	88
19) n-Nitroso-di-n-propyla...	7.257	70	88063	40.81	ng		92
20) 3+4-Methylphenols	7.257	107	116127	42.61	ng		91
22) Acetophenone	7.251	105	158389	44.32	ng	#	98
24) Nitrobenzene	7.428	77	127143	40.10	ng		98
25) Isophorone	7.663	82	224610	39.44	ng	#	95
26) 2-Nitrophenol	7.739	139	60860	42.97	ng		95
27) 2,4-Dimethylphenol	7.781	122	100846	50.49	ng		94
28) bis(2-Chloroethoxy)met...	7.875	93	132404	46.89	ng		98
29) 2,4-Dichlorophenol	7.986	162	104287	45.13	ng		94
30) 1,2,4-Trichlorobenzene	8.069	180	111139	42.91	ng		94
31) Naphthalene	8.145	128	311407	41.55	ng		98
32) Benzoic acid	7.928	122	55405	45.21	ng	#	84
33) 4-Chloroaniline	8.192	127	46543	16.70	ng		98
34) Hexachlorobutadiene	8.263	225	76762	41.96	ng		96
35) Caprolactam	8.569	113	29083m	45.81	ng		
36) 4-Chloro-3-methylphenol	8.692	107	108405	42.88	ng	#	83
37) 2-Methylnaphthalene	8.839	142	229922	43.75	ng		99
38) 1-Methylnaphthalene	8.939	142	213301	43.43	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	120562	44.00	ng		99
41) Hexachlorocyclopentadiene	8.992	237	80962	56.94	ng		95
43) 2,4,6-Trichlorophenol	9.122	196	77120	43.15	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	83166	43.35	ng	#	89
46) 1,1'-Biphenyl	9.304	154	281999	43.20	ng		95
47) 2-Chloronaphthalene	9.328	162	217572	40.94	ng		97
48) 2-Nitroaniline	9.428	65	81756	42.63	ng		97
49) Acenaphthylene	9.745	152	339844	44.00	ng		98
50) Dimethylphthalate	9.604	163	290419	45.39	ng		97
51) 2,6-Dinitrotoluene	9.669	165	63104	43.01	ng		95
52) Acenaphthene	9.916	154	208596	41.35	ng		93
53) 3-Nitroaniline	9.839	138	35842	26.10	ng		99
54) 2,4-Dinitrophenol	9.957	184	64272	85.44	ng		85
55) Dibenzofuran	10.092	168	333344	42.22	ng		97
56) 4-Nitrophenol	10.022	139	80033	81.56	ng		90
57) 2,4-Dinitrotoluene	10.080	165	85317	44.10	ng		93
58) Fluorene	10.433	166	267925	44.21	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.210	232	65366	42.05	ng	#	98
60) Diethylphthalate	10.304	149	294837	45.66	ng		97
61) 4-Chlorophenyl-phenyle...	10.422	204	139267	44.94	ng		97
62) 4-Nitroaniline	10.463	138	61877	44.82	ng	#	82
63) Azobenzene	10.580	77	281684	41.85	ng		96
65) 4,6-Dinitro-2-methylph...	10.492	198	45556	40.52	ng	#	62
66) n-Nitrosodiphenylamine	10.545	169	237092	44.61	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	86998	45.31	ng	#	89
68) Hexachlorobenzene	10.986	284	92564	42.56	ng		92
69) Atrazine	11.075	200	84327	56.04	ng		94
70) Pentachlorophenol	11.180	266	86006	75.33	ng		96
71) Phenanthrene	11.398	178	400233	45.80	ng		99
72) Anthracene	11.451	178	419953	47.72	ng		99
73) Carbazole	11.604	167	339469	44.26	ng		94
74) Di-n-butylphthalate	11.927	149	482207	48.92	ng		99
75) Fluoranthene	12.586	202	433041	47.21	ng		98
77) Benzidine	12.710	184	167005	78.83	ng	#	94
78) Pyrene	12.816	202	434697	51.60	ng		98
80) Butylbenzylphthalate	13.427	149	170989	50.04	ng		97
81) Benzo(a)anthracene	14.004	228	297124	46.49	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	69135	36.88	ng		99
83) Chrysene	14.045	228	287276	46.59	ng		98
84) Bis(2-ethylhexyl)phtha...	13.986	149	223991	55.10	ng		96
85) Di-n-octyl phthalate	14.604	149	324248	59.77	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.992	276	336630	44.04	ng		97
88) Benzo(b)fluoranthene	15.062	252	329956	45.83	ng		98
89) Benzo(k)fluoranthene	15.092	252	261257	38.33	ng		99
90) Benzo(a)pyrene	15.433	252	293105	46.87	ng		99
91) Dibenzo(a,h)anthracene	17.004	278	282998	43.43	ng		97
92) Benzo(g,h,i)perylene	17.439	276	274972	42.78	ng		96

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

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