Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123941.D
Acq On : 15 May 2021 13:07
Operator : JU/CG
Sample : M2383-10MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KTW-02MSD

Quant Time: May 16 05:18:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	39197	20.00	ng		0.00
21) Naphthalene-d8	8.210	136	144956	20.00	ng		# 0.02
39) Acenaphthene-d10	9.945	164	85245	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	160225	20.00	ng		0.00
76) Chrysene-d12	14.074	240	104265	20.00	ng		0.00
86) Perylene-d12	15.557	264	102516	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	154136	55.21	ng		0.04
7) Phenol-d6	6.534	99	110843	30.61	ng		0.01
23) Nitrobenzene-d5	7.469	82	333247	99.05	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	144121	140.76	ng		0.01
45) 2-Fluorobiphenyl	9.269	172	583411	84.22	ng		0.00
79) Terphenyl-d14	13.016	244	598983	87.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	19700	16.07	ng		97
3) Pyridine	3.457	79	114470	36.18	ng		90
4) n-Nitrosodimethylamine	3.405	42	36084	17.56	ng		95
6) Aniline	6.575	93	170701	41.52	ng		92
8) 2-Chlorophenol	6.693	128	107740	37.08	ng		95
9) Benzaldehyde	6.463	77	170707	108.93	ng	#	49
10) Phenol	6.545	94	72538	19.82	ng		91
11) bis(2-Chloroethyl)ether	6.640	93	140563	49.41	ng		95
12) 1,3-Dichlorobenzene	6.845	146	143982	42.54	ng		94
13) 1,4-Dichlorobenzene	6.922	146	146712	42.37	ng		96
14) 1,2-Dichlorobenzene	7.075	146	136651	42.23	ng		98
15) Benzyl Alcohol	7.051	79	108994	34.84	ng	#	90
16) 2,2'-oxybis(1-Chloropr...	7.181	45	260891	45.55	ng		93
17) 2-Methylphenol	7.157	107	81516	34.60	ng	#	90
18) Hexachloroethane	7.422	117	77213	60.16	ng		94
19) n-Nitroso-di-n-propyla...	7.316	70	116664	47.67	ng		93
20) 3+4-Methylphenols	7.310	107	107083	34.51	ng	#	42
22) Acetophenone	7.310	105	253098	61.49	ng	#	88
24) Nitrobenzene	7.487	77	167647	48.73	ng		95
25) Isophorone	7.734	82	292257	45.16	ng	#	95
26) 2-Nitrophenol	7.804	139	72114	55.73	ng		97
27) 2,4-Dimethylphenol	7.851	122	118900	47.98	ng		95
28) bis(2-Chloroethoxy)met...	7.951	93	169650	52.13	ng		97
29) 2,4-Dichlorophenol	8.057	162	107815	42.99	ng		96
30) 1,2,4-Trichlorobenzene	8.134	180	125158	44.39	ng		97
31) Naphthalene	8.245	128	8185858	954.21	ng		97
32) Benzoic acid	7.975	122	8267	6.08	ng	#	39
33) 4-Chloroaniline	8.245	127	1233003	377.56	ng	#	35
34) Hexachlorobutadiene	8.334	225	80630	43.68	ng		95
35) Caprolactam	8.645	113	5620	8.23	ng	#	73
36) 4-Chloro-3-methylphenol	8.734	107	117031	42.67	ng		87
37) 2-Methylnaphthalene	8.910	142	737787	126.88	ng		97
38) 1-Methylnaphthalene	9.004	142	500460	92.24	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	135937	44.21	ng		99
41) Hexachlorocyclopentadiene	9.057	237	73639	37.66	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	85932	43.08	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	89296	43.09	ng	#	89
46) 1,1'-Biphenyl	9.369	154	418555	55.74	ng		98
47) 2-Chloronaphthalene	9.392	162	258234	43.30	ng		97
48) 2-Nitroaniline	9.486	65	104571	51.93	ng		96
49) Acenaphthylene	9.810	152	399067	45.29	ng		99
50) Dimethylphthalate	9.669	163	325501	47.82	ng		99
51) 2,6-Dinitrotoluene	9.728	165	66558	48.35	ng		88
52) Acenaphthene	9.981	154	319811	53.02	ng		98
53) 3-Nitroaniline	9.892	138	33702	24.64	ng		100
54) 2,4-Dinitrophenol	9.998	184	79661	105.14	ng		93
55) Dibenzofuran	10.157	168	526015	60.72	ng		99
56) 4-Nitrophenol	10.045	139	39958	35.31	ng		90
57) 2,4-Dinitrotoluene	10.128	165	93356	55.30	ng	#	91
58) Fluorene	10.498	166	489369	74.97	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.269	232	77491	45.47	ng	#	99
60) Diethylphthalate	10.363	149	323385	47.97	ng		96
61) 4-Chlorophenyl-phenyle...	10.486	204	149158	45.59	ng		98
62) 4-Nitroaniline	10.510	138	69130	50.81	ng		88
63) Azobenzene	10.645	77	331193	44.17	ng		94
65) 4,6-Dinitro-2-methylph...	10.533	198	49614	48.06	ng		89
66) n-Nitrosodiphenylamine	10.604	169	270517	44.19	ng		98
67) 4-Bromophenyl-phenylether	10.975	248	90871	43.15	ng	#	90
68) Hexachlorobenzene	11.039	284	104797	44.58	ng		92
69) Atrazine	11.133	200	66452	38.43	ng		99
70) Pentachlorophenol	11.239	266	135607	97.30	ng		95
71) Phenanthrene	11.457	178	617617	60.82	ng		99
72) Anthracene	11.510	178	477313	46.38	ng		98
73) Carbazole	11.663	167	431620	47.95	ng		96
74) Di-n-butylphthalate	11.992	149	518356	46.01	ng		99
75) Fluoranthene	12.657	202	480313	45.68	ng		99
77) Benzidine	12.763	184	20237	8.04	ng		96
78) Pyrene	12.874	202	458921	49.58	ng		98
80) Butylbenzylphthalate	13.492	149	184105	50.72	ng		98
81) Benzo(a)anthracene	14.063	228	342429	45.41	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	62235	26.57	ng		96
83) Chrysene	14.098	228	323310	44.58	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	251823	49.16	ng		97
85) Di-n-octyl phthalate	14.668	149	376960	48.68	ng		100
87) Indeno(1,2,3-cd)pyrene	17.068	276	370396	46.78	ng	#	94
88) Benzo(b)fluoranthene	15.127	252	340375	42.92	ng		97
89) Benzo(k)fluoranthene	15.157	252	307157	42.50	ng		97
90) Benzo(a)pyrene	15.498	252	310845	45.34	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	313191	46.97	ng	#	96
92) Benzo(g,h,i)perylene	17.527	276	308328	46.11	ng		96

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

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