Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
Data File : BF126519.D
Acq On : 6 Jan 2022 15:50
Operator : JU/CG
Sample : N1014-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11944MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 08:32:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	95947	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	394804	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	177991	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	259807	20.000	ng		0.00
76) Chrysene-d12	13.951	240	135656	20.000	ng		0.00
86) Perylene-d12	15.404	264	164815	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	729600	109.201	ng		0.02
7) Phenol-d6	6.422	99	846579	97.829	ng		0.00
23) Nitrobenzene-d5	7.345	82	629905	81.922	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	183310	133.276	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	884423	87.439	ng		0.00
79) Terphenyl-d14	12.892	244	638152	91.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	128004	38.205	ng	#	85
3) Pyridine	3.363	79	196764	21.772	ng		97
4) n-Nitrosodimethylamine	3.287	42	143481	38.615	ng	#	99
6) Aniline	6.445	93	128463	11.938	ng		99
8) 2-Chlorophenol	6.569	128	307566	46.160	ng		94
9) Benzaldehyde	6.334	77	151000	28.187	ng		93
10) Phenol	6.434	94	333955	34.581	ng		97
11) bis(2-Chloroethyl)ether	6.522	93	326297	44.250	ng		94
12) 1,3-Dichlorobenzene	6.722	146	300633	45.152	ng		99
13) 1,4-Dichlorobenzene	6.798	146	304562	45.825	ng		98
14) 1,2-Dichlorobenzene	6.951	146	295345	45.608	ng		97
15) Benzyl Alcohol	6.928	79	260393	43.007	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	507817	43.849	ng		99
17) 2-Methylphenol	7.039	107	240100	40.966	ng		99
18) Hexachloroethane	7.292	117	119184	45.010	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	201308	40.766	ng		95
20) 3+4-Methylphenols	7.192	107	272899	39.109	ng	#	86
22) Acetophenone	7.192	105	409403	44.855	ng		96
24) Nitrobenzene	7.363	77	324304	42.149	ng		97
25) Isophorone	7.604	82	582228	42.299	ng		99
26) 2-Nitrophenol	7.681	139	155796	45.676	ng		97
27) 2,4-Dimethylphenol	7.722	122	267403	50.137	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	383915	42.696	ng		99
29) 2,4-Dichlorophenol	7.922	162	221762	45.537	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	236389	46.574	ng		98
31) Naphthalene	8.086	128	861259	46.218	ng		99
32) Benzoic acid	7.851	122	176828	46.040	ng		95
33) 4-Chloroaniline	8.134	127	70865	9.077	ng	#	92
34) Hexachlorobutadiene	8.204	225	116963	47.412	ng		97
35) Caprolactam	8.498	113	61596m	49.718	ng		
36) 4-Chloro-3-methylphenol	8.622	107	252367	42.462	ng		98
37) 2-Methylnaphthalene	8.781	142	544358	49.519	ng		99
38) 1-Methylnaphthalene	8.875	142	503169	47.343	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	189334	48.952	ng		98
41) Hexachlorocyclopentadiene	8.933	237	205777	130.676	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	135254	47.286	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	141521	45.966	ng		98
46) 1,1'-Biphenyl	9.245	154	628792	48.166	ng		99
47) 2-Chloronaphthalene	9.269	162	465104	47.038	ng		99
48) 2-Nitroaniline	9.363	65	155661	38.985	ng		90
49) Acenaphthylene	9.680	152	710375	47.369	ng		100
50) Dimethylphthalate	9.545	163	499154	44.922	ng		99
51) 2,6-Dinitrotoluene	9.604	165	112907	47.051	ng		98
52) Acenaphthene	9.857	154	495921m	50.441	ng		
53) 3-Nitroaniline	9.775	138	59444	18.067	ng		85
54) 2,4-Dinitrophenol	9.880	184	111591	89.965	ng		95
55) Dibenzofuran	10.028	168	602616	45.340	ng		98
56) 4-Nitrophenol	9.939	139	171305	73.208	ng		96
57) 2,4-Dinitrotoluene	10.010	165	140378	45.342	ng		88
58) Fluorene	10.369	166	428358	45.583	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	106698	48.283	ng		91
60) Diethylphthalate	10.245	149	463378	43.270	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	185827	45.313	ng		96
62) 4-Nitroaniline	10.386	138	115819	37.376	ng		95
63) Azobenzene	10.522	77	548847	39.790	ng		99
65) 4,6-Dinitro-2-methylph...	10.416	198	68001	48.333	ng		86
66) n-Nitrosodiphenylamine	10.480	169	389630	48.338	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	114939	49.842	ng		96
68) Hexachlorobenzene	10.916	284	138675	51.699	ng		98
69) Atrazine	11.010	200	104394	75.213	ng		99
70) Pentachlorophenol	11.116	266	135678	104.070	ng		98
71) Phenanthrene	11.333	178	617797	46.512	ng		99
72) Anthracene	11.380	178	640562	48.196	ng		99
73) Carbazole	11.539	167	552961	42.488	ng		98
74) Di-n-butylphthalate	11.874	149	659262	44.494	ng		100
75) Fluoranthene	12.521	202	538585	44.427	ng		97
77) Benzidine	12.639	184	48276	18.555	ng		99
78) Pyrene	12.745	202	539996	47.103	ng		99
80) Butylbenzylphthalate	13.368	149	217589	42.833	ng		96
81) Benzo(a)anthracene	13.939	228	352426	45.174	ng		99
82) 3,3'-Dichlorobenzidine	13.904	252	107082	29.421	ng	#	97
83) Chrysene	13.974	228	374581	46.809	ng		99
84) Bis(2-ethylhexyl)phtha...	13.939	149	251789	47.826	ng		99
85) Di-n-octyl phthalate	14.563	149	458766	50.246	ng		96
87) Indeno(1,2,3-cd)pyrene	16.839	276	557731	50.564	ng		96
88) Benzo(b)fluoranthene	14.992	252	431437	43.942	ng		97
89) Benzo(k)fluoranthene	15.021	252	419478	44.104	ng		97
90) Benzo(a)pyrene	15.345	252	440523	53.510	ng		98
91) Dibenzo(a,h)anthracene	16.856	278	463370	52.061	ng		97
92) Benzo(g,h,i)perylene	17.268	276	500278	52.786	ng		94

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

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