Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
Data File : BF126458.D
Acq On : 3 Jan 2022 16:19
Operator : JU/CG
Sample : M5241-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2DMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/04/2022
Supervised By :Jagrut Upadhyay 01/04/2022

Quant Time: Jan 04 05:19:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	116812	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	396364	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	156537	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	266198	20.000	ng		0.00
76) Chrysene-d12	13.968	240	172088	20.000	ng		0.01
86) Perylene-d12	15.409	264	141859	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	943628	116.008	ng		0.02
7) Phenol-d6	6.439	99	1150121	109.166	ng		0.01
23) Nitrobenzene-d5	7.363	82	715742	92.719	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	176918	146.258	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	812846	91.377	ng		0.00
79) Terphenyl-d14	12.910	244	770788	87.025	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	201264	49.341	ng		98
3) Pyridine	3.304	79	401627	36.502	ng		98
4) n-Nitrosodimethylamine	3.251	42	215885	47.723	ng		99
6) Aniline	6.457	93	186915	14.268	ng	#	25
8) 2-Chlorophenol	6.586	128	391377	48.247	ng		94
9) Benzaldehyde	6.345	77	283356	43.446	ng		98
10) Phenol	6.451	94	498419	42.393	ng		99
11) bis(2-Chloroethyl)ether	6.534	93	451378	50.279	ng		97
12) 1,3-Dichlorobenzene	6.739	146	396531	48.917	ng		97
13) 1,4-Dichlorobenzene	6.816	146	395337	48.859	ng		99
14) 1,2-Dichlorobenzene	6.969	146	377387	47.868	ng		98
15) Benzyl Alcohol	6.939	79	325487	44.156	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	664364	47.120	ng		98
17) 2-Methylphenol	7.057	107	309558	43.383	ng		97
18) Hexachloroethane	7.310	117	146524	45.451	ng		96
19) n-Nitroso-di-n-propyla...	7.216	70	264985	44.076	ng		99
20) 3+4-Methylphenols	7.210	107	337774	39.760	ng	#	80
22) Acetophenone	7.210	105	507079	55.338	ng		99
24) Nitrobenzene	7.381	77	390376	50.536	ng		98
25) Isophorone	7.622	82	701436	50.759	ng		98
26) 2-Nitrophenol	7.698	139	176399	51.512	ng		98
27) 2,4-Dimethylphenol	7.739	122	303009	56.589	ng		98
28) bis(2-Chloroethoxy)met...	7.833	93	451545	50.020	ng		98
29) 2,4-Dichlorophenol	7.945	162	243983	49.902	ng		97
30) 1,2,4-Trichlorobenzene	8.028	180	257377	50.510	ng		97
31) Naphthalene	8.104	128	997053	53.294	ng		99
32) Benzoic acid	7.857	122	205495	52.179	ng		98
33) 4-Chloroaniline	8.151	127	93772	11.964	ng		97
34) Hexachlorobutadiene	8.228	225	134771	54.416	ng		96
35) Caprolactam	8.516	113	97343m	78.263	ng		
36) 4-Chloro-3-methylphenol	8.639	107	262601	44.010	ng		100
37) 2-Methylnaphthalene	8.798	142	582759	52.804	ng		99
38) 1-Methylnaphthalene	8.898	142	515218	48.286	ng		99
40) 1,2,4,5-Tetrachloroben...	8.963	216	201042	59.103	ng		96
41) Hexachlorocyclopentadiene	8.951	237	41502	29.967	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	128694	51.159	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	131872	48.702	ng	#	90
46) 1,1'-Biphenyl	9.263	154	619890	53.992	ng		99
47) 2-Chloronaphthalene	9.286	162	447728	51.486	ng		99
48) 2-Nitroaniline	9.380	65	172021	48.987	ng		90
49) Acenaphthylene	9.704	152	689138	52.251	ng		99
50) Dimethylphthalate	9.563	163	499158	51.079	ng		99
51) 2,6-Dinitrotoluene	9.622	165	115743	54.843	ng		98
52) Acenaphthene	9.874	154	446244	51.609	ng		98
53) 3-Nitroaniline	9.786	138	94758	32.747	ng		91
54) 2,4-Dinitrophenol	9.898	184	13306	15.659	ng	#	79
55) Dibenzofuran	10.045	168	611757	52.336	ng		98
56) 4-Nitrophenol	9.957	139	215280	104.610	ng		94
57) 2,4-Dinitrotoluene	10.027	165	147245	54.078	ng	#	83
58) Fluorene	10.386	166	451677	54.652	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	102088	52.529	ng	#	92
60) Diethylphthalate	10.263	149	490886	52.122	ng		99
61) 4-Chlorophenyl-phenyle...	10.380	204	188732	52.329	ng		95
62) 4-Nitroaniline	10.398	138	114215	41.910	ng		96
63) Azobenzene	10.539	77	561186	46.260	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	12176	8.446	ng	#	52
66) n-Nitrosodiphenylamine	10.498	169	403443	48.850	ng		97
67) 4-Bromophenyl-phenylether	10.869	248	115127	48.725	ng		93
68) Hexachlorobenzene	10.939	284	138592	50.427	ng		99
69) Atrazine	11.027	200	124254	87.373	ng		96
70) Pentachlorophenol	11.133	266	151538	113.445	ng		98
71) Phenanthrene	11.351	178	751336	55.207	ng		99
72) Anthracene	11.404	178	726188	53.327	ng		100
73) Carbazole	11.557	167	635552	47.662	ng		99
74) Di-n-butylphthalate	11.892	149	766514	50.490	ng		100
75) Fluoranthene	12.539	202	797598	64.213	ng		99
77) Benzidine	12.657	184	131288	45.603	ng	#	94
78) Pyrene	12.768	202	801154	55.088	ng		100
80) Butylbenzylphthalate	13.386	149	342112	53.088	ng		96
81) Benzo(a)anthracene	13.957	228	504257	50.952	ng		98
82) 3,3'-Dichlorobenzidine	13.915	252	102384	22.175	ng		99
83) Chrysene	13.992	228	535976	52.798	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	426716	63.894	ng		99
85) Di-n-octyl phthalate	14.562	149	753157	65.026	ng		98
87) Indeno(1,2,3-cd)pyrene	16.839	276	447589	47.145	ng		98
88) Benzo(b)fluoranthene	14.992	252	503953	59.634	ng		100
89) Benzo(k)fluoranthene	15.021	252	395850	48.355	ng		98
90) Benzo(a)pyrene	15.351	252	440998	62.237	ng		99
91) Dibenzo(a,h)anthracene	16.851	278	371528	48.497	ng		98
92) Benzo(g,h,i)perylene	17.262	276	361482	44.313	ng		95

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

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