Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
Data File : BF127504.D
Acq On : 24 Mar 2022 15:55
Operator : CG\JU
Sample : N2062-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 24 17:16:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-5MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	91324	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	335684	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	183966	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	277870	20.000	ng		0.00
76) Chrysene-d12	14.027	240	179610	20.000	ng		0.00
86) Perylene-d12	15.509	264	198830	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	441052	77.090	ng		0.01
7) Phenol-d6	6.486	99	397793	50.865	ng		0.00
23) Nitrobenzene-d5	7.422	82	753805	95.989	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	251711	128.443	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1203854	95.556	ng		0.00
79) Terphenyl-d14	12.963	244	894983	81.571	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	64909	25.831	ng		95
3) Pyridine	3.434	79	138943	19.591	ng		94
4) n-Nitrosodimethylamine	3.387	42	100934	25.920	ng		98
6) Aniline	6.516	93	207705	22.256	ng		95
8) 2-Chlorophenol	6.639	128	269744	46.137	ng		98
9) Benzaldehyde	6.404	77	209835	54.868	ng		99
10) Phenol	6.504	94	185585	21.790	ng		98
11) bis(2-Chloroethyl)ether	6.586	93	341449	54.790	ng		97
12) 1,3-Dichlorobenzene	6.786	146	319174	48.537	ng		97
13) 1,4-Dichlorobenzene	6.863	146	329347	49.791	ng		97
14) 1,2-Dichlorobenzene	7.016	146	313114	48.602	ng		98
15) Benzyl Alcohol	6.998	79	217483	38.266	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	595302	53.084	ng		84
17) 2-Methylphenol	7.110	107	186901	37.879	ng	#	92
18) Hexachloroethane	7.351	117	146611	60.543	ng		93
19) n-Nitroso-di-n-propyla...	7.269	70	259376	55.330	ng		100
20) 3+4-Methylphenols	7.269	107	208792	34.308	ng		98
22) Acetophenone	7.263	105	437964	51.039	ng	#	92
24) Nitrobenzene	7.439	77	388342	51.853	ng		100
25) Isophorone	7.675	82	721030	57.647	ng		100
26) 2-Nitrophenol	7.751	139	160681	51.156	ng		99
27) 2,4-Dimethylphenol	7.792	122	258749	54.764	ng		99
28) bis(2-Chloroethoxy)met...	7.880	93	427045	52.559	ng		98
29) 2,4-Dichlorophenol	7.998	162	255240	47.586	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	301017	48.160	ng		99
31) Naphthalene	8.157	128	887731	49.811	ng		99
32) Benzoic acid	7.922	122	46047	20.865	ng		93
33) 4-Chloroaniline	8.210	127	56508	8.182	ng		98
34) Hexachlorobutadiene	8.263	225	188142	47.403	ng		98
35) Caprolactam	8.610	113	16508	9.983	ng	#	84
36) 4-Chloro-3-methylphenol	8.698	107	257759	44.292	ng		99
37) 2-Methylnaphthalene	8.845	142	577819	50.422	ng		98
38) 1-Methylnaphthalene	8.945	142	548015	48.362	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	303333	51.858	ng		99
41) Hexachlorocyclopentadiene	8.992	237	188062	88.373	ng		98
43) 2,4,6-Trichlorophenol	9.127	196	175848	49.734	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	185855	51.064	ng		99
46) 1,1'-Biphenyl	9.310	154	706215	50.828	ng		100
47) 2-Chloronaphthalene	9.339	162	552724	50.517	ng		99
48) 2-Nitroaniline	9.445	65	204609	48.794	ng		98
49) Acenaphthylene	9.757	152	852719	51.552	ng		99
50) Dimethylphthalate	9.616	163	651126	50.876	ng		99
51) 2,6-Dinitrotoluene	9.686	165	135723	50.520	ng		98
52) Acenaphthene	9.927	154	494608	51.250	ng		98
53) 3-Nitroaniline	9.857	138	27489	9.328	ng	#	98
54) 2,4-Dinitrophenol	9.974	184	113176	83.093	ng		98
55) Dibenzofuran	10.098	168	720408	52.268	ng		99
56) 4-Nitrophenol	10.039	139	43235	28.825	ng	#	66
57) 2,4-Dinitrotoluene	10.092	165	164428	47.551	ng		94
58) Fluorene	10.445	166	578222	52.103	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	149590m	46.486	ng		
60) Diethylphthalate	10.310	149	568302	48.617	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	305378	46.168	ng		98
62) 4-Nitroaniline	10.480	138	103379	37.451	ng		96
63) Azobenzene	10.592	77	657310	47.656	ng		99
65) 4,6-Dinitro-2-methylph...	10.504	198	83289	48.713	ng		96
66) n-Nitrosodiphenylamine	10.557	169	480998	56.865	ng		99
67) 4-Bromophenyl-phenylether	10.921	248	183838	56.667	ng		97
68) Hexachlorobenzene	10.986	284	200577	56.641	ng		95
69) Atrazine	11.086	200	142503	50.606	ng		96
70) Pentachlorophenol	11.192	266	151570	108.257	ng		98
71) Phenanthrene	11.410	178	736449	50.837	ng		99
72) Anthracene	11.463	178	750611	52.213	ng		99
73) Carbazole	11.621	167	605681	44.056	ng		99
74) Di-n-butylphthalate	11.933	149	753721	52.964	ng		99
75) Fluoranthene	12.598	202	683659	42.907	ng		99
77) Benzidine	12.733	184	9268	2.164	ng	#	85
78) Pyrene	12.827	202	684908	44.433	ng		100
80) Butylbenzylphthalate	13.433	149	252279	49.727	ng		98
81) Benzo(a)anthracene	14.015	228	620890	51.692	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	81121	22.979	ng	#	96
83) Chrysene	14.057	228	580262	51.016	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	348994	59.509	ng		99
85) Di-n-octyl phthalate	14.598	149	627579	80.418	ng		99
87) Indeno(1,2,3-cd)pyrene	17.021	276	624673	46.430	ng		99
88) Benzo(b)fluoranthene	15.074	252	672517	53.644	ng		99
89) Benzo(k)fluoranthene	15.104	252	598004	46.013	ng		100
90) Benzo(a)pyrene	15.451	252	632575	61.483	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	557796	50.217	ng		97
92) Benzo(g,h,i)perylene	17.474	276	511655	44.565	ng		100

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

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