Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137929.D
Acq On : 17 May 2024 13:52
Operator : CG\JU
Sample : P2486-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 17 14:17:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WCS-TPKMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/20/2024
Supervised By :mohammad ahmed 05/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.039	152	121012	20.000	ng		0.00
21) Naphthalene-d8	8.328	136	477862	20.000	ng		0.00
39) Acenaphthene-d10	10.086	164	274002	20.000	ng		0.00
64) Phenanthrene-d10	11.580	188	488490	20.000	ng		0.00
76) Chrysene-d12	14.233	240	347438	20.000	ng		0.00
86) Perylene-d12	15.792	264	291588	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	775627	108.875	ng		0.00
7) Phenol-d6	6.657	99	961118	109.521	ng		0.00
23) Nitrobenzene-d5	7.604	82	580176	71.451	ng		0.00
42) 2,4,6-Tribromophenol	10.880	330	334568	121.099	ng		0.00
45) 2-Fluorobiphenyl	9.398	172	1245699	70.031	ng		0.00
79) Terphenyl-d14	13.168	244	1562986	66.300	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.987	88	118634	38.440	ng		97
3) Pyridine	3.751	79	294041	42.462	ng		99
4) n-Nitrosodimethylamine	3.710	42	141892	46.448	ng		99
6) Aniline	6.704	93	351726	44.810	ng		99
8) 2-Chlorophenol	6.828	128	363869	47.197	ng		97
9) Benzaldehyde	6.592	77	78404	16.513	ng		99
10) Phenol	6.669	94	415039	46.856	ng		99
11) bis(2-Chloroethyl)ether	6.775	93	314079	46.180	ng		97
12) 1,3-Dichlorobenzene	6.981	146	386300	43.307	ng		97
13) 1,4-Dichlorobenzene	7.063	146	388077	43.343	ng		99
14) 1,2-Dichlorobenzene	7.210	146	370911	44.016	ng		99
15) Benzyl Alcohol	7.175	79	291770	49.790	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.304	45	392433	46.941	ng		98
17) 2-Methylphenol	7.281	107	284974	46.350	ng		99
18) Hexachloroethane	7.557	117	131264	43.324	ng		98
19) n-Nitroso-di-n-propyla...	7.445	70	231529	46.960	ng		99
20) 3+4-Methylphenols	7.433	107	375902	46.668	ng		96
22) Acetophenone	7.445	105	491408	45.905	ng	#	97
24) Nitrobenzene	7.622	77	351883	42.718	ng		97
25) Isophorone	7.857	82	645413	45.798	ng		99
26) 2-Nitrophenol	7.939	139	194029	46.878	ng		98
27) 2,4-Dimethylphenol	7.963	122	261928	49.152	ng		96
28) bis(2-Chloroethoxy)met...	8.063	93	391556	45.843	ng		99
29) 2,4-Dichlorophenol	8.175	162	308609	46.054	ng		99
30) 1,2,4-Trichlorobenzene	8.263	180	323425	43.228	ng		99
31) Naphthalene	8.351	128	1058089	44.037	ng		100
32) Benzoic acid	8.057	122	134699	29.902	ng		98
33) 4-Chloroaniline	8.392	127	246175	31.254	ng		98
34) Hexachlorobutadiene	8.457	225	198345	41.883	ng		98
35) Caprolactam	8.751	113	99834m	51.423	ng		
36) 4-Chloro-3-methylphenol	8.863	107	327244	48.006	ng		97
37) 2-Methylnaphthalene	9.039	142	698414	45.221	ng		99
38) 1-Methylnaphthalene	9.139	142	652221	42.956	ng		99
40) 1,2,4,5-Tetrachloroben...	9.204	216	331968	44.565	ng		99
41) Hexachlorocyclopentadiene	9.192	237	374323	132.248	ng		99
43) 2,4,6-Trichlorophenol	9.310	196	227077	46.493	ng		97

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44) 2,4,5-Trichlorophenol	9.351	196	248124	46.429	ng		96
46) 1,1'-Biphenyl	9.504	154	869675	45.253	ng		99
47) 2-Chloronaphthalene	9.533	162	667432	43.506	ng		98
48) 2-Nitroaniline	9.622	65	193130	49.161	ng		99
49) Acenaphthylene	9.951	152	1072110	48.603	ng		99
50) Dimethylphthalate	9.798	163	818934	47.662	ng		99
51) 2,6-Dinitrotoluene	9.863	165	180737	45.831	ng		99
52) Acenaphthene	10.121	154	712086	48.842	ng		99
53) 3-Nitroaniline	10.033	138	149131	38.683	ng		100
54) 2,4-Dinitrophenol	10.139	184	178463	83.439	ng	#	88
55) Dibenzofuran	10.292	168	983608	46.357	ng		98
56) 4-Nitrophenol	10.186	139	313243	113.128	ng		96
57) 2,4-Dinitrotoluene	10.269	165	254708	49.961	ng	#	91
58) Fluorene	10.639	166	777522	46.329	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	205620	48.978	ng		99
60) Diethylphthalate	10.498	149	777627	48.459	ng		98
61) 4-Chlorophenyl-phenyle...	10.627	204	384865	46.501	ng		94
62) 4-Nitroaniline	10.657	138	197594	54.038	ng		97
63) Azobenzene	10.786	77	718743	49.242	ng		98
65) 4,6-Dinitro-2-methylph...	10.674	198	136830	48.511	ng		90
66) n-Nitrosodiphenylamine	10.745	169	689440	46.023	ng		98
67) 4-Bromophenyl-phenylether	11.116	248	241048	45.012	ng		96
68) Hexachlorobenzene	11.186	284	259407	43.822	ng		96
69) Atrazine	11.268	200	235368	57.538	ng		99
70) Pentachlorophenol	11.380	266	309095	89.140	ng		98
71) Phenanthrene	11.610	178	1133386	47.082	ng		100
72) Anthracene	11.657	178	1162540	48.674	ng		100
73) Carbazole	11.810	167	1068550	48.976	ng		99
74) Di-n-butylphthalate	12.127	149	1243778	51.367	ng		100
75) Fluoranthene	12.798	202	1228777	50.290	ng		99
77) Benzidine	12.915	184	476678	104.980	ng		98
78) Pyrene	13.033	202	1239407	40.786	ng		100
80) Butylbenzylphthalate	13.633	149	483691	52.770	ng		95
81) Benzo(a)anthracene	14.221	228	1060612	48.251	ng		99
82) 3,3'-Dichlorobenzidine	14.180	252	241456	39.637	ng		99
83) Chrysene	14.257	228	999422	47.541	ng		100
84) Bis(2-ethylhexyl)phtha...	14.186	149	642170	55.733	ng		98
85) Di-n-octyl phthalate	14.815	149	935841	60.122	ng		99
87) Indeno(1,2,3-cd)pyrene	17.421	276	918006	49.003	ng		99
88) Benzo(b)fluoranthene	15.321	252	830872	49.213	ng		99
89) Benzo(k)fluoranthene	15.356	252	792664	47.791	ng		100
90) Benzo(a)pyrene	15.727	252	732727	50.826	ng		98
91) Dibenzo(a,h)anthracene	17.445	278	740848	47.865	ng		99
92) Benzo(g,h,i)perylene	17.921	276	724531	44.560	ng		100

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

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