Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
Data File : BF139139.D
Acq On : 23 Aug 2024 11:12
Operator : RC/JU
Sample : PB162917BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 23 11:57:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 21 01:25:05 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162917BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	119701	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	453077	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	274027	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	501979	20.000	ng		0.00
76) Chrysene-d12	14.068	240	265971	20.000	ng		0.01
86) Perylene-d12	15.539	264	224142	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	907491	116.640	ng		0.02
7) Phenol-d6	6.534	99	1187686	118.141	ng		0.01
23) Nitrobenzene-d5	7.463	82	790219	101.630	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	354808	143.026	ng		0.01
45) 2-Fluorobiphenyl	9.263	172	1349434	78.132	ng		0.00
79) Terphenyl-d14	13.010	244	1628992	101.627	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	103622	31.052	ng		98
3) Pyridine	3.546	79	271284	31.991	ng		99
4) n-Nitrosodimethylamine	3.510	42	216237	42.212	ng		99
6) Aniline	6.563	93	252339	27.805	ng		92
8) 2-Chlorophenol	6.686	128	345914	46.224	ng		95
9) Benzaldehyde	6.445	77	114763	19.464	ng		99
10) Phenol	6.545	94	459358	43.915	ng		93
11) bis(2-Chloroethyl)ether	6.639	93	344681	40.975	ng		99
12) 1,3-Dichlorobenzene	6.839	146	371577	41.298	ng		99
13) 1,4-Dichlorobenzene	6.916	146	377141	41.923	ng		99
14) 1,2-Dichlorobenzene	7.069	146	362495	44.090	ng		98
15) Benzyl Alcohol	7.039	79	363415	45.738	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	504568	42.581	ng		94
17) 2-Methylphenol	7.151	107	285834	44.647	ng		97
18) Hexachloroethane	7.410	117	135634	42.996	ng		98
19) n-Nitroso-di-n-propyla...	7.316	70	284716	43.126	ng		99
20) 3+4-Methylphenols	7.304	107	368961	44.481	ng		91
22) Acetophenone	7.310	105	465748	40.260	ng	#	92
24) Nitrobenzene	7.481	77	420921	48.703	ng		99
25) Isophorone	7.722	82	737114	44.602	ng		99
26) 2-Nitrophenol	7.798	139	172937	56.288	ng		98
27) 2,4-Dimethylphenol	7.833	122	249393	47.588	ng		99
28) bis(2-Chloroethoxy)met...	7.933	93	414020	42.875	ng		100
29) 2,4-Dichlorophenol	8.039	162	297426	45.555	ng		100
30) 1,2,4-Trichlorobenzene	8.122	180	323206	42.277	ng		100
31) Naphthalene	8.204	128	985392	42.918	ng		100
32) Benzoic acid	7.957	122	210806	48.250	ng		98
33) 4-Chloroaniline	8.251	127	175202	22.281	ng		99
34) Hexachlorobutadiene	8.322	225	206011	41.252	ng		99
35) Caprolactam	8.628	113	89699m	43.334	ng		
36) 4-Chloro-3-methylphenol	8.733	107	336038	46.484	ng		100
37) 2-Methylnaphthalene	8.892	142	639960	43.456	ng		99
38) 1-Methylnaphthalene	8.992	142	594300	41.813	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	303402	40.227	ng		99
41) Hexachlorocyclopentadiene	9.045	237	309541	107.355	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	228492	45.132	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	228192	43.911	ng		96
46) 1,1'-Biphenyl	9.363	154	755581	40.252	ng		100
47) 2-Chloronaphthalene	9.386	162	632502	41.469	ng		99
48) 2-Nitroaniline	9.480	65	233813	52.840	ng		99
49) Acenaphthylene	9.804	152	1008861	46.174	ng		100
50) Dimethylphthalate	9.663	163	781211	46.178	ng		100
51) 2,6-Dinitrotoluene	9.722	165	170125	49.935	ng		99
52) Acenaphthene	9.975	154	703326	48.731	ng		100
53) 3-Nitroaniline	9.892	138	125662	37.591	ng	#	97
54) 2,4-Dinitrophenol	9.998	184	182314	104.153	ng	#	49
55) Dibenzofuran	10.145	168	918925	43.835	ng		98
56) 4-Nitrophenol	10.051	139	269929	105.558	ng		96
57) 2,4-Dinitrotoluene	10.127	165	237038	54.828	ng		97
58) Fluorene	10.486	166	728144	43.463	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	206711	49.541	ng		99
60) Diethylphthalate	10.363	149	766996	45.757	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	356221	42.574	ng		100
62) 4-Nitroaniline	10.510	138	165033	47.564	ng		99
63) Azobenzene	10.639	77	829160	44.513	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	130069	64.423	ng		94
66) n-Nitrosodiphenylamine	10.604	169	641731	43.205	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	231632	43.547	ng		97
68) Hexachlorobenzene	11.033	284	246139	43.133	ng		99
69) Atrazine	11.127	200	186645	41.145	ng		100
70) Pentachlorophenol	11.227	266	318669	87.421	ng		98
71) Phenanthrene	11.451	178	1107125	43.392	ng		99
72) Anthracene	11.504	178	1101276	44.135	ng		99
73) Carbazole	11.657	167	980134	42.065	ng		99
74) Di-n-butylphthalate	11.986	149	1194517	44.213	ng		100
75) Fluoranthene	12.639	202	1114612	40.929	ng		100
77) Benzidine	12.757	184	52160	9.494	ng		100
78) Pyrene	12.868	202	1103478	49.716	ng		100
80) Butylbenzylphthalate	13.486	149	411636	53.606	ng		98
81) Benzo(a)anthracene	14.057	228	795088	45.476	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	179894	36.810	ng		99
83) Chrysene	14.092	228	720978	45.495	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	520213	51.102	ng		99
85) Di-n-octyl phthalate	14.662	149	704695	49.321	ng		100
87) Indeno(1,2,3-cd)pyrene	17.039	276	766903	58.462	ng		99
88) Benzo(b)fluoranthene	15.109	252	716415	49.027	ng		99
89) Benzo(k)fluoranthene	15.139	252	559380	45.962	ng		99
90) Benzo(a)pyrene	15.480	252	590635	51.153	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	635185	58.986	ng		99
92) Benzo(g,h,i)perylene	17.492	276	605010	49.108	ng		99

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

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