Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
Data File : BF137457.D
Acq On : 01 Mar 2024 14:16
Operator : CG\JU
Sample : P1653-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 01 14:48:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 12:53:33 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
294MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	186746	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	699898	20.000	ng		-0.01
39) Acenaphthene-d10	9.898	164	347814	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	490183	20.000	ng		-0.01
76) Chrysene-d12	14.057	240	379092	20.000	ng		-0.01
86) Perylene-d12	15.586	264	361429	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1121406	90.948	ng		0.00
7) Phenol-d6	6.516	99	1489497	83.688	ng		-0.01
23) Nitrobenzene-d5	7.428	82	926321	61.496	ng		-0.02
42) 2,4,6-Tribromophenol	10.692	330	240174	78.632	ng		-0.02
45) 2-Fluorobiphenyl	9.222	172	1430887	64.398	ng		-0.01
79) Terphenyl-d14	12.992	244	1209028	43.856	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	273358	40.546	ng		100
3) Pyridine	3.516	79	623191	38.327	ng		99
4) n-Nitrosodimethylamine	3.493	42	316392	48.032	ng		96
6) Aniline	6.540	93	640345	29.444	ng		99
8) 2-Chlorophenol	6.657	128	599708	46.113	ng		96
9) Benzaldehyde	6.428	77	462585	53.051	ng		99
10) Phenol	6.528	94	842867	43.998	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	644076	45.881	ng		99
12) 1,3-Dichlorobenzene	6.810	146	648039	46.632	ng		98
13) 1,4-Dichlorobenzene	6.887	146	643116	45.230	ng		98
14) 1,2-Dichlorobenzene	7.034	146	615228	47.141	ng		99
15) Benzyl Alcohol	7.016	79	530603	47.886	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1043411	43.240	ng		98
17) 2-Methylphenol	7.128	107	489308	40.208	ng		98
18) Hexachloroethane	7.375	117	221380	47.285	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	448196	40.780	ng		97
20) 3+4-Methylphenols	7.275	107	559334	40.132	ng	#	89
22) Acetophenone	7.275	105	778832	45.991	ng	#	96
24) Nitrobenzene	7.445	77	692123	45.740	ng		99
25) Isophorone	7.687	82	1275717	44.578	ng		98
26) 2-Nitrophenol	7.763	139	294613	49.041	ng		96
27) 2,4-Dimethylphenol	7.804	122	413538	36.840	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	762382	45.405	ng		99
29) 2,4-Dichlorophenol	8.004	162	464675	45.104	ng		97
30) 1,2,4-Trichlorobenzene	8.087	180	509666	47.011	ng		99
31) Naphthalene	8.163	128	1667475	44.404	ng		99
32) Benzoic acid	7.928	122	242593	38.902	ng		98
33) 4-Chloroaniline	8.216	127	169065	11.482	ng		96
34) Hexachlorobutadiene	8.281	225	299586	46.806	ng		98
35) Caprolactam	8.587	113	151410m	43.342	ng		
36) 4-Chloro-3-methylphenol	8.704	107	491301	42.663	ng		99
37) 2-Methylnaphthalene	8.857	142	996779	41.638	ng		99
38) 1-Methylnaphthalene	8.957	142	923401	40.959	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	480007	49.434	ng		99
41) Hexachlorocyclopentadiene	9.010	237	301252	76.433	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	303429	47.986	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.175	196	322274	44.244	ng	95
46)	1,1'-Biphenyl	9.322	154	1209940	47.529	ng	98
47)	2-Chloronaphthalene	9.345	162	934775	48.162	ng	99
48)	2-Nitroaniline	9.445	65	302807	45.902	ng	92
49)	Acenaphthylene	9.763	152	1455288	46.853	ng	99
50)	Dimethylphthalate	9.628	163	1117198	46.143	ng	99
51)	2,6-Dinitrotoluene	9.692	165	230776	45.570	ng	94
52)	Acenaphthene	9.934	154	807162	43.528	ng	99
53)	3-Nitroaniline	9.863	138	141786	26.470	ng	93
54)	2,4-Dinitrophenol	9.969	184	139649	58.950	ng	96
55)	Dibenzofuran	10.110	168	1239900	43.901	ng	99
56)	4-Nitrophenol	10.028	139	281447	74.200	ng	94
57)	2,4-Dinitrotoluene	10.098	165	278219	44.717	ng	98
58)	Fluorene	10.451	166	892969	41.169	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.228	232	243202m	41.636	ng	
60)	Diethylphthalate	10.334	149	1024278	44.799	ng	99
61)	4-Chlorophenyl-phenyle...	10.445	204	447365	42.084	ng	99
62)	4-Nitroaniline	10.481	138	159665	34.681	ng	96
63)	Azobenzene	10.610	77	1128508	42.864	ng	99
65)	4,6-Dinitro-2-methylph...	10.504	198	114309	41.840	ng	89
66)	n-Nitrosodiphenylamine	10.569	169	797881	50.548	ng	99
67)	4-Bromophenyl-phenylether	10.939	248	269464	50.471	ng	98
68)	Hexachlorobenzene	10.998	284	276861	51.342	ng	99
69)	Atrazine	11.104	200	248505	51.789	ng	97
70)	Pentachlorophenol	11.198	266	286825	87.988	ng	100
71)	Phenanthrene	11.422	178	1265550	47.440	ng	100
72)	Anthracene	11.475	178	1278118	46.649	ng	99
73)	Carbazole	11.633	167	1093647	46.600	ng	98
74)	Di-n-butylphthalate	11.969	149	1408178	50.432	ng	99
75)	Fluoranthene	12.616	202	1264405	48.489	ng	99
77)	Benzidine	12.751	184	588777	63.465	ng	98
78)	Pyrene	12.845	202	1320044	35.487	ng	100
80)	Butylbenzylphthalate	13.480	149	431947	45.469	ng	99
81)	Benzo(a)anthracene	14.045	228	1267045	47.687	ng	99
82)	3,3'-Dichlorobenzidine	14.016	252	320692	45.323	ng	98
83)	Chrysene	14.086	228	1279523	47.647	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.051	149	641677	53.144	ng	99
85)	Di-n-octyl phthalate	14.674	149	1402107	58.821	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.174	276	790279	33.227	ng	99
88)	Benzo(b)fluoranthene	15.133	252	1195100	55.898	ng	99
89)	Benzo(k)fluoranthene	15.163	252	1198279	52.181	ng	99
90)	Benzo(a)pyrene	15.521	252	1015342	48.192	ng	100
91)	Dibenzo(a,h)anthracene	17.204	278	628660	32.583	ng	99
92)	Benzo(g,h,i)perylene	17.662	276	596908	30.124	ng	98

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

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