Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140626.D
Acq On : 26 Nov 2024 01:32
Operator : RC/JU
Sample : P4954-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-112124MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 02:45:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	61412	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	198746	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	94548	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	157588	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	80063	20.000	ng		0.00
86) Perylene-d12	15.539	264	71140	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	408932	113.614	ng		0.00
7) Phenol-d6	6.516	99	522391	109.783	ng		0.00
23) Nitrobenzene-d5	7.439	82	326968	84.150	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	105908	104.735	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	515632	81.256	ng		0.00
79) Terphenyl-d14	12.986	244	410542	79.846	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	71350	47.148	ng		98
3) Pyridine	3.416	79	184076	55.284	ng		99
4) n-Nitrosodimethylamine	3.363	42	101149	51.687	ng		97
6) Aniline	6.534	93	88722	26.490	ng	#	11
8) 2-Chlorophenol	6.663	128	198934	51.373	ng		96
9) Benzaldehyde	6.428	77	114418	45.422	ng	#	62
10) Phenol	6.528	94	257312	52.950	ng		91
11) bis(2-Chloroethyl)ether	6.604	93	188212	50.613	ng		99
12) 1,3-Dichlorobenzene	6.816	146	209321	48.107	ng		99
13) 1,4-Dichlorobenzene	6.892	146	212932	48.331	ng		99
14) 1,2-Dichlorobenzene	7.045	146	200138	48.480	ng		99
15) Benzyl Alcohol	7.016	79	178018	50.447	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	217490	49.507	ng		73
17) 2-Methylphenol	7.134	107	151615	48.912	ng		93
18) Hexachloroethane	7.387	117	114453	69.557	ng		95
19) n-Nitroso-di-n-propyla...	7.287	70	152625	54.272	ng		97
20) 3+4-Methylphenols	7.287	107	202618	50.855	ng		95
22) Acetophenone	7.281	105	396102	81.749	ng		94
24) Nitrobenzene	7.457	77	208674	51.963	ng		98
25) Isophorone	7.692	82	395682	61.055	ng	#	90
26) 2-Nitrophenol	7.775	139	91359	51.336	ng	#	92
27) 2,4-Dimethylphenol	7.810	122	146354m	68.734	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	212865	53.916	ng	#	90
29) 2,4-Dichlorophenol	8.028	162	152929	54.202	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	155699	48.332	ng		100
31) Naphthalene	8.181	128	581131	56.767	ng		97
32) Benzoic acid	7.928	122	75779	41.961	ng	#	1
33) 4-Chloroaniline	8.234	127	60206	19.643	ng	#	86
34) Hexachlorobutadiene	8.292	225	106876	50.088	ng		99
35) Caprolactam	8.575	113	67984	77.860	ng	#	1
36) 4-Chloro-3-methylphenol	8.716	107	149695	47.387	ng		98
37) 2-Methylnaphthalene	8.869	142	411408	63.272	ng		100
38) 1-Methylnaphthalene	8.969	142	343224	53.852	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	146772	53.027	ng		98
41) Hexachlorocyclopentadiene	9.022	237	3750	12.770	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	91503	52.684	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	91314	48.444	ng	#	79
46) 1,1'-Biphenyl	9.333	154	411022	58.226	ng		100
47) 2-Chloronaphthalene	9.363	162	270374	50.549	ng		99
48) 2-Nitroaniline	9.457	65	100230	58.380	ng		92
49) Acenaphthylene	9.781	152	432447	53.510	ng		98
50) Dimethylphthalate	9.628	163	320419	51.457	ng	#	98
51) 2,6-Dinitrotoluene	9.698	165	67848	48.043	ng		97
52) Acenaphthene	9.951	154	261909	51.005	ng		95
53) 3-Nitroaniline	9.869	138	52057	37.689	ng	#	98
54) 2,4-Dinitrophenol	9.986	184	6985	16.439	ng	#	46
55) Dibenzofuran	10.122	168	393717	50.267	ng		96
56) 4-Nitrophenol	10.039	139	101930	108.207	ng		92
57) 2,4-Dinitrotoluene	10.104	165	86862	46.280	ng	#	96
58) Fluorene	10.463	166	314981	50.101	ng	#	96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	71733	49.517	ng	#	74
60) Diethylphthalate	10.333	149	303509	47.973	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	146353	47.435	ng		94
62) 4-Nitroaniline	10.480	138	59466	41.049	ng		95
63) Azobenzene	10.616	77	339535	56.672	ng		90
65) 4,6-Dinitro-2-methylph...	10.516	198	7069	8.778	ng	#	1
66) n-Nitrosodiphenylamine	10.569	169	288393	61.883	ng		96
67) 4-Bromophenyl-phenylether	10.945	248	84383	51.995	ng		95
68) Hexachlorobenzene	11.016	284	92053	48.986	ng	#	92
69) Atrazine	11.098	200	90750	69.220	ng		98
70) Pentachlorophenol	11.216	266	84123	101.712	ng		99
71) Phenanthrene	11.427	178	505228	66.696	ng		99
72) Anthracene	11.480	178	428947	57.888	ng		98
73) Carbazole	11.639	167	394905	55.399	ng		99
74) Di-n-butylphthalate	11.957	149	438606	53.296	ng		100
75) Fluoranthene	12.621	202	548474	66.687	ng		100
77) Benzidine	12.739	184	103748	44.569	ng		97
78) Pyrene	12.851	202	518530	70.045	ng		99
80) Butylbenzylphthalate	13.457	149	149128	55.920	ng		95
81) Benzo(a)anthracene	14.039	228	333823	62.987	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	60093	37.765	ng		99
83) Chrysene	14.074	228	296493	61.182	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	179490	53.303	ng		99
85) Di-n-octyl phthalate	14.633	149	257105	55.869	ng		99
87) Indeno(1,2,3-cd)pyrene	17.051	276	221980	47.881	ng		98
88) Benzo(b)fluoranthene	15.104	252	255623	57.207	ng		98
89) Benzo(k)fluoranthene	15.133	252	252314m	64.526	ng		
90) Benzo(a)pyrene	15.480	252	233495	64.268	ng		100
91) Dibenzo(a,h)anthracene	17.062	278	169953	44.762	ng		99
92) Benzo(g,h,i)perylene	17.509	276	153788	39.693	ng		99

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

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