Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
Data File : BF137462.D
Acq On : 01 Mar 2024 16:44
Operator : CG\JU
Sample : P1602-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED

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

Quant Time: Mar 01 17:14:58 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	173167	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	644107	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	325988	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	493446	20.000	ng		0.00
76) Chrysene-d12	14.063	240	357230	20.000	ng		0.00
86) Perylene-d12	15.592	264	333340	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	1416640	123.901	ng		0.01
7) Phenol-d6	6.522	99	1784133	108.102	ng		0.00
23) Nitrobenzene-d5	7.434	82	1247429	89.986	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	370489	129.418	ng		-0.01
45) 2-Fluorobiphenyl	9.228	172	1961425	94.186	ng		0.00
79) Terphenyl-d14	12.998	244	1884495	72.541	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.899	88	257249	41.148	ng	#	86
3) Pyridine	3.622	79	514746	34.140	ng		98
4) n-Nitrosodimethylamine	3.569	42	296808	48.548	ng		96
6) Aniline	6.545	93	521599	25.865	ng		97
8) 2-Chlorophenol	6.663	128	555547	46.067	ng		96
9) Benzaldehyde	6.440	77	34582	4.277	ng		99
10) Phenol	6.534	94	702268	39.533	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	612728	47.070	ng		100
12) 1,3-Dichlorobenzene	6.816	146	601431	46.671	ng		97
13) 1,4-Dichlorobenzene	6.892	146	622055	47.179	ng		99
14) 1,2-Dichlorobenzene	7.040	146	584543	48.302	ng		97
15) Benzyl Alcohol	7.016	79	502250	48.882	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1008227	45.059	ng		98
17) 2-Methylphenol	7.128	107	455874	40.398	ng		99
18) Hexachloroethane	7.375	117	205507	47.336	ng		93
19) n-Nitroso-di-n-propyla...	7.287	70	438257	43.002	ng		99
20) 3+4-Methylphenols	7.281	107	525535	40.664	ng	#	89
22) Acetophenone	7.281	105	763998	49.023	ng		99
24) Nitrobenzene	7.451	77	662506	47.575	ng		100
25) Isophorone	7.687	82	1241961	47.158	ng		99
26) 2-Nitrophenol	7.763	139	274812	49.707	ng		99
27) 2,4-Dimethylphenol	7.804	122	413466	40.024	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	746408	48.304	ng		100
29) 2,4-Dichlorophenol	8.004	162	453592	47.842	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	488571	48.968	ng		99
31) Naphthalene	8.169	128	1599733	46.290	ng		99
32) Benzoic acid	7.910	122	97289m	20.506	ng		
33) 4-Chloroaniline	8.222	127	153064	11.295	ng		99
34) Hexachlorobutadiene	8.281	225	286375	48.618	ng		99
35) Caprolactam	8.581	113	127373m	39.620	ng		
36) 4-Chloro-3-methylphenol	8.710	107	481214	45.407	ng		98
37) 2-Methylnaphthalene	8.857	142	978230	44.403	ng		100
38) 1-Methylnaphthalene	8.957	142	929284	44.791	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	469266	51.563	ng		100
41) Hexachlorocyclopentadiene	9.010	237	273765	74.360	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	300083	50.634	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	311106	45.570	ng	98
46) 1,1'-Biphenyl	9.328	154	1209859	50.708	ng	100
47) 2-Chloronaphthalene	9.351	162	942630	51.819	ng	99
48) 2-Nitroaniline	9.451	65	306017	49.494	ng	97
49) Acenaphthylene	9.763	152	1493118	51.290	ng	99
50) Dimethylphthalate	9.633	163	1121713	49.431	ng	100
51) 2,6-Dinitrotoluene	9.692	165	235325	49.580	ng	98
52) Acenaphthene	9.939	154	821149	47.247	ng	98
53) 3-Nitroaniline	9.863	138	130052	25.905	ng	98
54) 2,4-Dinitrophenol	9.969	184	76117	37.724	ng	94
55) Dibenzofuran	10.110	168	1268145	47.907	ng	99
56) 4-Nitrophenol	10.033	139	267079	75.070	ng	100
57) 2,4-Dinitrotoluene	10.098	165	278999	47.845	ng	95
58) Fluorene	10.457	166	920309	45.270	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	249961	45.658	ng	93
60) Diethylphthalate	10.333	149	1039446	48.506	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	456753	45.844	ng	95
62) 4-Nitroaniline	10.480	138	184119	42.670	ng	99
63) Azobenzene	10.610	77	1164498	47.192	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	79235	28.811	ng	97
66) n-Nitrosodiphenylamine	10.569	169	828634	52.149	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	279193	51.948	ng	98
68) Hexachlorobenzene	11.004	284	287393	52.943	ng	95
69) Atrazine	11.104	200	262365	54.316	ng	97
70) Pentachlorophenol	11.204	266	257649	78.515	ng	99
71) Phenanthrene	11.422	178	1313424	48.909	ng	99
72) Anthracene	11.475	178	1343639	48.716	ng	100
73) Carbazole	11.633	167	1169323	49.495	ng	99
74) Di-n-butylphthalate	11.974	149	1487356	52.915	ng	100
75) Fluoranthene	12.616	202	1286958	49.028	ng	100
77) Benzidine	12.751	184	343103	39.247	ng	97
78) Pyrene	12.845	202	1317500	37.587	ng	100
80) Butylbenzylphthalate	13.486	149	439523	49.098	ng	96
81) Benzo(a)anthracene	14.051	228	1237601	49.429	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	251727	37.754	ng	98
83) Chrysene	14.086	228	1254983	49.593	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	656492	57.698	ng	99
85) Di-n-octyl phthalate	14.680	149	1355580	60.204	ng	100
87) Indeno(1,2,3-cd)pyrene	17.186	276	800459	36.491	ng	99
88) Benzo(b)fluoranthene	15.133	252	1191855	60.444	ng	100
89) Benzo(k)fluoranthene	15.168	252	1161935	54.862	ng	100
90) Benzo(a)pyrene	15.527	252	967138	49.772	ng	100
91) Dibenzo(a,h)anthracene	17.215	278	661923	37.198	ng	98
92) Benzo(g,h,i)perylene	17.668	276	603878	33.044	ng	98

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

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