Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020599.D
Acq On : 12 Jun 2024 12:53
Operator : MA/JU
Sample : PB161426BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 12 13:35:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB161426BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	251363	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	910468	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	525671	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	1042918	20.000	ng	-0.02
76) Chrysene-d12	21.639	240	1042195	20.000	ng	-0.03
86) Perylene-d12	24.992	264	1174013	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1693330	120.615	ng	0.00
7) Phenol-d6	6.940	99	2043898	103.234	ng	0.00
23) Nitrobenzene-d5	8.910	82	1279343	76.918	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	796622	146.023	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	2830671	80.274	ng	-0.02
79) Terphenyl-d14	19.922	244	4470324	71.406	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	189656	33.434	ng	96
3) Pyridine	3.722	79	460171	28.852	ng	94
4) n-Nitrosodimethylamine	3.628	42	270131	34.870	ng	93
6) Aniline	7.099	93	424156	21.143	ng	98
8) 2-Chlorophenol	7.328	128	629501	39.999	ng	99
9) Benzaldehyde	6.916	77	331316m	26.088	ng	
10) Phenol	6.963	94	745863	36.778	ng	98
11) bis(2-Chloroethyl)ether	7.193	93	599353	35.836	ng	98
12) 1,3-Dichlorobenzene	7.646	146	715538	38.590	ng	98
13) 1,4-Dichlorobenzene	7.799	146	728137	38.637	ng	98
14) 1,2-Dichlorobenzene	8.105	146	700524	38.516	ng	98
15) Benzyl Alcohol	7.999	79	527942	36.100	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.269	45	817762	32.750	ng	98
17) 2-Methylphenol	8.199	107	492592	35.793	ng	99
18) Hexachloroethane	8.822	117	267865	38.925	ng	94
19) n-Nitroso-di-n-propyla...	8.563	70	432995	32.036	ng	96
20) 3+4-Methylphenols	8.522	107	656654	35.080	ng	99
22) Acetophenone	8.575	105	898294	39.748	ng	98
24) Nitrobenzene	8.946	77	651583	38.601	ng	98
25) Isophorone	9.469	82	1174118	36.332	ng	99
26) 2-Nitrophenol	9.646	139	318708	47.750	ng	97
27) 2,4-Dimethylphenol	9.704	122	399487	40.919	ng	98
28) bis(2-Chloroethoxy)met...	9.946	93	732180	36.862	ng	99
29) 2,4-Dichlorophenol	10.175	162	544191	41.548	ng	98
30) 1,2,4-Trichlorobenzene	10.381	180	639736	41.142	ng	99
31) Naphthalene	10.569	128	1833429	39.391	ng	100
32) Benzoic acid	9.851	122	376448	41.644	ng	99
33) 4-Chloroaniline	10.687	127	330761	18.370	ng	98
34) Hexachlorobutadiene	10.846	225	412475	42.111	ng	99
35) Caprolactam	11.487	113	166623	34.714	ng	90
36) 4-Chloro-3-methylphenol	11.804	107	568463	37.069	ng	98
37) 2-Methylnaphthalene	12.181	142	1218017	36.520	ng	99
38) 1-Methylnaphthalene	12.404	142	1146035	34.664	ng	100
40) 1,2,4,5-Tetrachloroben...	12.545	216	690110	45.374	ng	99
41) Hexachlorocyclopentadiene	12.522	237	701649	131.265	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	431334	46.917	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	468979	44.216	ng	98
46) 1,1'-Biphenyl	13.204	154	1548728	41.747	ng	99
47) 2-Chloronaphthalene	13.245	162	1209844	41.023	ng	99
48) 2-Nitroaniline	13.451	65	350098	43.809	ng	98
49) Acenaphthylene	14.092	152	1932044	44.149	ng	99
50) Dimethylphthalate	13.840	163	1478446	39.900	ng	99
51) 2,6-Dinitrotoluene	13.957	165	325242	41.065	ng	96
52) Acenaphthene	14.439	154	1093101	39.599	ng	100
53) 3-Nitroaniline	14.292	138	254716	32.062	ng	98
54) 2,4-Dinitrophenol	14.492	184	366860	96.113	ng	92
55) Dibenzofuran	14.781	168	1771485	40.511	ng	99
56) 4-Nitrophenol	14.610	139	560021	91.128	ng	92
57) 2,4-Dinitrotoluene	14.745	165	452788	43.501	ng	93
58) Fluorene	15.445	166	1412573	40.239	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	407087	46.900	ng	97
60) Diethylphthalate	15.210	149	1453111	38.578	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	723129	39.919	ng	98
62) 4-Nitroaniline	15.469	138	315559	38.560	ng	95
63) Azobenzene	15.739	77	1294978	36.819	ng	96
65) 4,6-Dinitro-2-methylph...	15.528	198	249062	52.931	ng	98
66) n-Nitrosodiphenylamine	15.663	169	1216104	42.412	ng	100
67) 4-Bromophenyl-phenylether	16.357	248	461685	43.271	ng	98
68) Hexachlorobenzene	16.469	284	537355	42.792	ng	100
69) Atrazine	16.639	200	450227	44.632	ng	100
70) Pentachlorophenol	16.828	266	703998	92.308	ng	99
71) Phenanthrene	17.233	178	2202581	42.963	ng	99
72) Anthracene	17.328	178	2163938	43.015	ng	100
73) Carbazole	17.604	167	2054704	42.225	ng	99
74) Di-n-butylphthalate	18.204	149	2554859	43.356	ng	99
75) Fluoranthene	19.322	202	2713875	44.746	ng	99
77) Benzidine	19.533	184	236631	11.563	ng	98
78) Pyrene	19.698	202	2808004	35.820	ng	100
80) Butylbenzylphthalate	20.663	149	1214895	38.965	ng	93
81) Benzo(a)anthracene	21.621	228	2857225	41.637	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	808319	39.625	ng	99
83) Chrysene	21.692	228	2693296	41.652	ng	100
84) Bis(2-ethylhexyl)phtha...	21.569	149	1750001	39.225	ng	99
85) Di-n-octyl phthalate	22.857	149	3077062	47.452	ng	97
87) Indeno(1,2,3-cd)pyrene	28.798	276	3936975	55.147	ng	98
88) Benzo(b)fluoranthene	23.939	252	3038687	41.547	ng	99
89) Benzo(k)fluoranthene	24.004	252	2957921	41.466	ng	99
90) Benzo(a)pyrene	24.845	252	2835084	46.805	ng	99
91) Dibenzo(a,h)anthracene	28.892	278	3270255	54.919	ng	98
92) Benzo(g,h,i)perylene	29.986	276	3168274	53.231	ng	97

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

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