Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021569.D
Acq On : 20 Aug 2024 12:13
Operator : RC/JU
Sample : PB162822BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 20 12:41:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB162822BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	491039	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	2018197	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	1318739	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	2796133	20.000	ng		0.02
76) Chrysene-d12	21.739	240	2515502	20.000	ng		0.04
86) Perylene-d12	25.186	264	2791666	20.000	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	4528303	136.932	ng		0.02
7) Phenol-d6	6.975	99	6165876	127.814	ng		0.01
23) Nitrobenzene-d5	8.958	82	3635318	92.973	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	2257963	153.843	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	6931075	80.212	ng		0.00
79) Terphenyl-d14	19.992	244	11484368	88.694	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	451297	28.781	ng		99
3) Pyridine	3.717	79	1261547m	28.820	ng		
4) n-Nitrosodimethylamine	3.623	42	558739	42.467	ng		93
6) Aniline	7.134	93	1298454	26.924	ng		96
8) 2-Chlorophenol	7.375	128	1596706	52.247	ng		94
9) Benzaldehyde	6.946	77	660523m	21.385	ng		
10) Phenol	7.005	94	2374061	47.524	ng		96
11) bis(2-Chloroethyl)ether	7.228	93	1760124	41.640	ng		96
12) 1,3-Dichlorobenzene	7.699	146	1573718	43.352	ng		97
13) 1,4-Dichlorobenzene	7.840	146	1603764	43.753	ng		98
14) 1,2-Dichlorobenzene	8.158	146	1559102	44.137	ng		100
15) Benzyl Alcohol	8.040	79	1626253	46.983	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1647523	42.324	ng		97
17) 2-Methylphenol	8.240	107	1536652	48.658	ng		97
18) Hexachloroethane	8.881	117	659730	44.883	ng		99
19) n-Nitroso-di-n-propyla...	8.605	70	1249300	37.490	ng		95
20) 3+4-Methylphenols	8.569	107	2134400	50.123	ng		98
22) Acetophenone	8.622	105	2456033	39.612	ng	#	98
24) Nitrobenzene	8.999	77	1897954	44.692	ng		92
25) Isophorone	9.522	82	3709853	40.161	ng		97
26) 2-Nitrophenol	9.705	139	792325	63.370	ng		93
27) 2,4-Dimethylphenol	9.763	122	1213284	53.222	ng		97
28) bis(2-Chloroethoxy)met...	10.005	93	2367345	41.984	ng		99
29) 2,4-Dichlorophenol	10.240	162	1480451	54.964	ng		97
30) 1,2,4-Trichlorobenzene	10.458	180	1492819	43.230	ng		98
31) Naphthalene	10.646	128	4603512	43.664	ng		100
32) Benzoic acid	9.922	122	1217860	69.039	ng		93
33) 4-Chloroaniline	10.746	127	1119273	28.262	ng		96
34) Hexachlorobutadiene	10.940	225	903824	41.569	ng		98
35) Caprolactam	11.540	113	566372m	50.518	ng		
36) 4-Chloro-3-methylphenol	11.881	107	1952285	52.252	ng		97
37) 2-Methylnaphthalene	12.257	142	3183184	44.238	ng		99
38) 1-Methylnaphthalene	12.481	142	2982545	42.027	ng		99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1566485	40.541	ng		99
41) Hexachlorocyclopentadiene	12.616	237	1393597	113.798	ng		98
43) 2,4,6-Trichlorophenol	12.869	196	1231858	57.393	ng		100

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44) 2,4,5-Trichlorophenol	12.952	196	1315468	55.163	ng		96
46) 1,1'-Biphenyl	13.275	154	3776973	40.481	ng		98
47) 2-Chloronaphthalene	13.316	162	3185536	43.854	ng		99
48) 2-Nitroaniline	13.516	65	1126118	54.530	ng	#	86
49) Acenaphthylene	14.175	152	5275845	49.407	ng		100
50) Dimethylphthalate	13.910	163	4233153	47.933	ng		100
51) 2,6-Dinitrotoluene	14.016	165	940351	52.381	ng		91
52) Acenaphthene	14.522	154	3601366m	51.401	ng		
53) 3-Nitroaniline	14.346	138	775492	44.582	ng	#	90
54) 2,4-Dinitrophenol	14.569	184	965462	121.666	ng	#	85
55) Dibenzofuran	14.863	168	4988509	46.284	ng		99
56) 4-Nitrophenol	14.669	139	1714088	114.676	ng		87
57) 2,4-Dinitrotoluene	14.816	165	1335111	57.774	ng		89
58) Fluorene	15.528	166	3864218	43.641	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	1185204	58.555	ng		99
60) Diethylphthalate	15.304	149	4259031	47.002	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	1966279	42.961	ng		98
62) 4-Nitroaniline	15.534	138	951854	52.570	ng		91
63) Azobenzene	15.822	77	4620647	41.483	ng		95
65) 4,6-Dinitro-2-methylph...	15.598	198	702004	70.723	ng		96
66) n-Nitrosodiphenylamine	15.740	169	3529833	47.107	ng		99
67) 4-Bromophenyl-phenylether	16.434	248	1341601	45.335	ng		99
68) Hexachlorobenzene	16.557	284	1574085	45.010	ng		99
69) Atrazine	16.716	200	1144071	44.470	ng		99
70) Pentachlorophenol	16.910	266	2107986	110.436	ng		99
71) Phenanthrene	17.310	178	6401785	47.607	ng		100
72) Anthracene	17.398	178	6424495	48.715	ng		99
73) Carbazole	17.675	167	6219869	48.939	ng		99
74) Di-n-butylphthalate	18.292	149	7501228	48.058	ng		100
75) Fluoranthene	19.398	202	7658708	46.418	ng		99
77) Benzidine	19.586	184	1654718	28.295	ng		100
78) Pyrene	19.781	202	7888730	47.980	ng		100
80) Butylbenzylphthalate	20.722	149	3397196	53.957	ng		95
81) Benzo(a)anthracene	21.716	228	7693671	48.721	ng		99
82) 3,3'-Dichlorobenzidine	21.633	252	2315165	45.726	ng		99
83) Chrysene	21.792	228	7276214	48.803	ng		99
84) Bis(2-ethylhexyl)phtha...	21.675	149	4995239	53.521	ng		100
85) Di-n-octyl phthalate	22.992	149	8711748	52.619	ng		97
87) Indeno(1,2,3-cd)pyrene	29.104	276	9758827	53.928	ng		97
88) Benzo(b)fluoranthene	24.098	252	7945368	49.556	ng		100
89) Benzo(k)fluoranthene	24.180	252	7973591m	50.980	ng		
90) Benzo(a)pyrene	25.033	252	7515255	54.014	ng		99
91) Dibenzo(a,h)anthracene	29.192	278	8019357	53.335	ng		99
92) Benzo(g,h,i)perylene	30.327	276	7676781	50.941	ng		98

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

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