Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
Data File : BP021595.D
Acq On : 21 Aug 2024 13:08
Operator : RC/JU
Sample : PB162788BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 21 13:35:07 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 :
PB162788BSD

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	384224	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	1531743	20.000	ng	-0.02
39) Acenaphthene-d10	14.451	164	1006858	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	2217857	20.000	ng	0.02
76) Chrysene-d12	21.745	240	2163191	20.000	ng	0.05
86) Perylene-d12	25.186	264	2473126	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	3335559	128.905	ng	0.00
7) Phenol-d6	6.957	99	4505591	119.362	ng	0.00
23) Nitrobenzene-d5	8.940	82	2666511	89.853	ng	-0.01
42) 2,4,6-Tribromophenol	15.975	330	1673417	149.333	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	5133884	77.817	ng	0.00
79) Terphenyl-d14	19.998	244	8892065	79.858	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	347460	28.319	ng	99
3) Pyridine	3.705	79	930655	27.171	ng	93
4) n-Nitrosodimethylamine	3.611	42	422424	41.032	ng	91
6) Aniline	7.116	93	976151	25.867	ng	97
8) 2-Chlorophenol	7.357	128	1168921	48.883	ng	94
9) Benzaldehyde	6.928	77	437575m	18.105	ng	
10) Phenol	6.981	94	1735921	44.410	ng	98
11) bis(2-Chloroethyl)ether	7.210	93	1289737	38.994	ng	96
12) 1,3-Dichlorobenzene	7.681	146	1177258	41.447	ng	96
13) 1,4-Dichlorobenzene	7.828	146	1197767	41.761	ng	98
14) 1,2-Dichlorobenzene	8.140	146	1149033	41.572	ng	99
15) Benzyl Alcohol	8.022	79	1177332	43.470	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.304	45	1212340	39.802	ng	96
17) 2-Methylphenol	8.228	107	1109884	44.914	ng	97
18) Hexachloroethane	8.875	117	487335	42.371	ng	98
19) n-Nitroso-di-n-propyla...	8.593	70	899887	34.512	ng	95
20) 3+4-Methylphenols	8.551	107	1525158	45.773	ng	97
22) Acetophenone	8.604	105	1784403	37.920	ng	98
24) Nitrobenzene	8.981	77	1378068	42.755	ng	93
25) Isophorone	9.516	82	2663131	37.986	ng	96
26) 2-Nitrophenol	9.693	139	573672	61.555	ng	94
27) 2,4-Dimethylphenol	9.757	122	876177	50.640	ng	97
28) bis(2-Chloroethoxy)met...	9.993	93	1703029	39.795	ng	99
29) 2,4-Dichlorophenol	10.228	162	1072562	52.467	ng	97
30) 1,2,4-Trichlorobenzene	10.451	180	1091243	41.636	ng	99
31) Naphthalene	10.634	128	3402622	42.523	ng	99
32) Benzoic acid	9.893	122	851943	65.379	ng	92
33) 4-Chloroaniline	10.740	127	776724	25.841	ng	96
34) Hexachlorobutadiene	10.928	225	658832	39.924	ng	99
35) Caprolactam	11.528	113	402837m	47.343	ng	
36) 4-Chloro-3-methylphenol	11.875	107	1418055	50.007	ng	97
37) 2-Methylnaphthalene	12.251	142	2320318	42.487	ng	99
38) 1-Methylnaphthalene	12.475	142	2182028	40.511	ng	100
40) 1,2,4,5-Tetrachloroben...	12.622	216	1150611	39.002	ng	99
41) Hexachlorocyclopentadiene	12.610	237	996277	106.554	ng	99
43) 2,4,6-Trichlorophenol	12.869	196	899987	54.919	ng	100

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44) 2,4,5-Trichlorophenol	12.945	196	972767	53.428	ng		96
46) 1,1'-Biphenyl	13.281	154	2837499	39.832	ng		97
47) 2-Chloronaphthalene	13.316	162	2349701	42.367	ng		99
48) 2-Nitroaniline	13.510	65	835325	53.124	ng	#	86
49) Acenaphthylene	14.169	152	3890940	47.725	ng		100
50) Dimethylphthalate	13.910	163	3088858	45.810	ng		99
51) 2,6-Dinitrotoluene	14.016	165	683865	50.083	ng		91
52) Acenaphthene	14.528	154	2679983m	50.099	ng		
53) 3-Nitroaniline	14.345	138	574577	43.381	ng	#	90
54) 2,4-Dinitrophenol	14.569	184	747280	122.690	ng	#	87
55) Dibenzofuran	14.869	168	3681261	44.735	ng		99
56) 4-Nitrophenol	14.675	139	1289235	113.046	ng	#	84
57) 2,4-Dinitrotoluene	14.822	165	986728	56.086	ng		84
58) Fluorene	15.533	166	2899678	42.892	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	878009	56.815	ng		98
60) Diethylphthalate	15.304	149	3126196	45.186	ng		99
61) 4-Chlorophenyl-phenyle...	15.522	204	1486596	42.541	ng		99
62) 4-Nitroaniline	15.539	138	717929	51.968	ng		89
63) Azobenzene	15.816	77	3377663	39.717	ng		96
65) 4,6-Dinitro-2-methylph...	15.616	198	528178	68.253	ng		97
66) n-Nitrosodiphenylamine	15.739	169	2636014	44.351	ng		100
67) 4-Bromophenyl-phenylether	16.445	248	998300	42.530	ng		99
68) Hexachlorobenzene	16.563	284	1158608	41.768	ng		99
69) Atrazine	16.722	200	833535	40.847	ng		99
70) Pentachlorophenol	16.916	266	1553061	102.579	ng		99
71) Phenanthrene	17.322	178	4773202	44.751	ng		100
72) Anthracene	17.410	178	4737961	45.294	ng		100
73) Carbazole	17.680	167	4687315	46.496	ng		99
74) Di-n-butylphthalate	18.292	149	5601905	45.247	ng		99
75) Fluoranthene	19.398	202	5849345	44.695	ng		99
77) Benzidine	19.592	184	1163683	23.572	ng		99
78) Pyrene	19.774	202	6199077	43.844	ng		100
80) Butylbenzylphthalate	20.727	149	2645879	49.208	ng		91
81) Benzo(a)anthracene	21.721	228	6266458	46.146	ng		99
82) 3,3'-Dichlorobenzidine	21.633	252	1871748	42.989	ng		99
83) Chrysene	21.792	228	5892243	45.957	ng		100
84) Bis(2-ethylhexyl)phtha...	21.663	149	3894673	48.525	ng		99
85) Di-n-octyl phthalate	22.998	149	6944035	49.126	ng		97
87) Indeno(1,2,3-cd)pyrene	29.133	276	8427775m	52.571	ng		
88) Benzo(b)fluoranthene	24.098	252	6816748	47.993	ng		99
89) Benzo(k)fluoranthene	24.168	252	6680950	48.218	ng		99
90) Benzo(a)pyrene	25.015	252	6448176	52.314	ng		99
91) Dibenzo(a,h)anthracene	29.203	278	6908449	51.865	ng		100
92) Benzo(g,h,i)perylene	30.321	276	6689956	50.110	ng		99

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

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