Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021581.D
Acq On : 20 Aug 2024 21:01
Operator : RC/JU
Sample : P3600-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 00:26:38 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	322458	20.000	ng		0.00
21) Naphthalene-d8	10.592	136	1314030	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	861400	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	1868020	20.000	ng		0.01
76) Chrysene-d12	21.739	240	1736757	20.000	ng		0.04
86) Perylene-d12	25.186	264	2238575	20.000	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	2577375	118.684	ng		0.00
7) Phenol-d6	6.969	99	3582141	113.076	ng		0.00
23) Nitrobenzene-d5	8.951	82	2076225	81.554	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	1252042	130.597	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	3547338	62.849	ng		0.00
79) Terphenyl-d14	19.980	244	4844651	54.192	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	370712	36.002	ng		97
3) Pyridine	3.710	79	1041190	36.221	ng		95
4) n-Nitrosodimethylamine	3.616	42	368404	42.639	ng		91
6) Aniline	7.128	93	1140669	36.017	ng		97
8) 2-Chlorophenol	7.369	128	1055970	52.618	ng		96
9) Benzaldehyde	6.945	77	754651m	37.205	ng		
10) Phenol	6.998	94	1591316	48.509	ng		96
11) bis(2-Chloroethyl)ether	7.222	93	1178122	42.442	ng		96
12) 1,3-Dichlorobenzene	7.692	146	1059321	44.438	ng		97
13) 1,4-Dichlorobenzene	7.839	146	1090158	45.289	ng		98
14) 1,2-Dichlorobenzene	8.157	146	1049504	45.244	ng		98
15) Benzyl Alcohol	8.039	79	1092439	48.061	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1117672	43.723	ng		97
17) 2-Methylphenol	8.239	107	1016767	49.027	ng		97
18) Hexachloroethane	8.886	117	448924	46.508	ng		98
19) n-Nitroso-di-n-propyla...	8.604	70	829415	37.902	ng		95
20) 3+4-Methylphenols	8.563	107	1445027	51.675	ng		98
22) Acetophenone	8.616	105	1763868	43.694	ng	#	98
24) Nitrobenzene	8.992	77	1273495	46.057	ng		93
25) Isophorone	9.522	82	2463547	40.961	ng		97
26) 2-Nitrophenol	9.698	139	501992	62.313	ng		95
27) 2,4-Dimethylphenol	9.763	122	900097	60.642	ng		97
28) bis(2-Chloroethoxy)met...	9.998	93	1549851	42.216	ng		99
29) 2,4-Dichlorophenol	10.239	162	969895	55.305	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	993935	44.207	ng		98
31) Naphthalene	10.639	128	3191168	46.488	ng		100
32) Benzoic acid	9.892	122	758951	67.051	ng		95
33) 4-Chloroaniline	10.739	127	689974	26.758	ng		97
34) Hexachlorobutadiene	10.928	225	622862	43.998	ng		99
35) Caprolactam	11.522	113	403333	55.254	ng		93
36) 4-Chloro-3-methylphenol	11.875	107	1267471	52.102	ng		98
37) 2-Methylnaphthalene	12.257	142	2184495	46.627	ng		99
38) 1-Methylnaphthalene	12.480	142	2062194	44.630	ng		100
40) 1,2,4,5-Tetrachloroben...	12.627	216	1153474	45.702	ng		99
41) Hexachlorocyclopentadiene	12.610	237	1044948	130.631	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	806264	57.508	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	883498	56.719	ng		97
46) 1,1'-Biphenyl	13.280	154	2786210	45.717	ng		98
47) 2-Chloronaphthalene	13.316	162	2170902	45.753	ng		98
48) 2-Nitroaniline	13.516	65	740450	54.857	ng		89
49) Acenaphthylene	14.174	152	3505638	50.260	ng		100
50) Dimethylphthalate	13.910	163	2734565	47.404	ng		100
51) 2,6-Dinitrotoluene	14.010	165	599231	51.199	ng		94
52) Acenaphthene	14.521	154	2535008m	55.391	ng		
53) 3-Nitroaniline	14.339	138	456056	40.534	ng	#	94
54) 2,4-Dinitrophenol	14.563	184	608744	119.054	ng		91
55) Dibenzofuran	14.869	168	3453317	49.051	ng		99
56) 4-Nitrophenol	14.669	139	1184376	121.013	ng	#	85
57) 2,4-Dinitrotoluene	14.821	165	858854	56.973	ng		86
58) Fluorene	15.527	166	2740212	47.378	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	790058	59.756	ng		99
60) Diethylphthalate	15.298	149	2813369	47.532	ng		100
61) 4-Chlorophenyl-phenyle...	15.516	204	1349040	45.124	ng		99
62) 4-Nitroaniline	15.527	138	632536	53.431	ng		91
63) Azobenzene	15.810	77	3141913	43.183	ng		97
65) 4,6-Dinitro-2-methylph...	15.604	198	415410	65.164	ng		96
66) n-Nitrosodiphenylamine	15.733	169	2369808	47.339	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	897586	45.401	ng		98
68) Hexachlorobenzene	16.551	284	1072145	45.889	ng		97
69) Atrazine	16.715	200	910169	52.956	ng		98
70) Pentachlorophenol	16.904	266	1451742	113.844	ng		99
71) Phenanthrene	17.310	178	4877594	54.294	ng		100
72) Anthracene	17.398	178	4612931	52.357	ng		100
73) Carbazole	17.680	167	4314933	50.818	ng		99
74) Di-n-butylphthalate	18.280	149	5005703	48.003	ng		100
75) Fluoranthene	19.392	202	5921192	53.717	ng		99
77) Benzidine	19.580	184	2028888	51.590	ng		99
78) Pyrene	19.768	202	6101947	53.753	ng		100
80) Butylbenzylphthalate	20.721	149	2250497	51.918	ng		94
81) Benzo(a)anthracene	21.721	228	5860475	53.753	ng		99
82) 3,3'-Dichlorobenzidine	21.633	252	1171701	33.519	ng		99
83) Chrysene	21.786	228	5550970	53.926	ng		99
84) Bis(2-ethylhexyl)phtha...	21.662	149	3366445	52.242	ng		100
85) Di-n-octyl phthalate	22.986	149	6131107	53.543	ng		97
87) Indeno(1,2,3-cd)pyrene	29.109	276	7919528	54.577	ng	#	94
88) Benzo(b)fluoranthene	24.097	252	6403851	49.810	ng		99
89) Benzo(k)fluoranthene	24.162	252	6073977	48.430	ng		99
90) Benzo(a)pyrene	25.015	252	6181197	55.402	ng		100
91) Dibenzo(a,h)anthracene	29.185	278	6272221	52.022	ng		100
92) Benzo(g,h,i)perylene	30.327	276	6094723	50.435	ng		99

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

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