Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120424\
Data File : BP023334.D
Acq On : 04 Dec 2024 16:17
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/05/2024
Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 05 01:49:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP120424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 01:49:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.540	152	195617	20.000	ng		0.00
21) Naphthalene-d8	10.287	136	675706	20.000	ng		0.00
39) Acenaphthene-d10	14.151	164	515240	20.000	ng		-0.01
64) Phenanthrene-d10	16.963	188	1237050	20.000	ng		-0.01
76) Chrysene-d12	21.404	240	1389675	20.000	ng		0.00
86) Perylene-d12	24.586	264	1687409	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	946124	93.278	ng		0.00
7) Phenol-d6	6.752	99	1316881	91.399	ng		0.00
23) Nitrobenzene-d5	8.687	82	1478028	97.020	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	927817	104.772	ng		0.00
45) 2-Fluorobiphenyl	12.763	172	3641213	100.790	ng		0.00
79) Terphenyl-d14	19.710	244	7559702	100.248	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.134	88	197578	41.586	ng		100
3) Pyridine	3.528	79	523899m	44.837	ng		
4) n-Nitrosodimethylamine	3.446	42	272966	44.181	ng		99
6) Aniline	6.899	93	452540	40.217	ng		99
8) 2-Chlorophenol	7.122	128	467556	44.273	ng		98
9) Benzaldehyde	6.711	77	281790	36.712	ng		99
10) Phenol	6.775	94	662358	45.666	ng		98
11) bis(2-Chloroethyl)ether	6.987	93	528236	45.364	ng		98
12) 1,3-Dichlorobenzene	7.428	146	655566	47.454	ng		97
13) 1,4-Dichlorobenzene	7.575	146	677918	48.025	ng		98
14) 1,2-Dichlorobenzene	7.881	146	643258	47.252	ng		99
15) Benzyl Alcohol	7.793	79	534345	47.557	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.063	45	605400	44.131	ng		99
17) 2-Methylphenol	7.993	107	459635	47.722	ng		99
18) Hexachloroethane	8.587	117	252964	46.973	ng		96
19) n-Nitroso-di-n-propyla...	8.340	70	460126	44.260	ng		98
20) 3+4-Methylphenols	8.322	107	637213	48.206	ng		99
22) Acetophenone	8.357	105	885483	48.780	ng	#	97
24) Nitrobenzene	8.728	77	760825	48.758	ng		99
25) Isophorone	9.246	82	1209013	47.459	ng		100
26) 2-Nitrophenol	9.428	139	302695	52.803	ng		99
27) 2,4-Dimethylphenol	9.493	122	334099	50.335	ng		98
28) bis(2-Chloroethoxy)met...	9.716	93	696642	48.403	ng		98
29) 2,4-Dichlorophenol	9.963	162	580575	51.062	ng		99
30) 1,2,4-Trichlorobenzene	10.157	180	759610	50.659	ng		98
31) Naphthalene	10.340	128	1660698	48.560	ng		99
32) Benzoic acid	9.716	122	398424	51.837	ng		98
33) 4-Chloroaniline	10.475	127	533002	49.923	ng		99
34) Hexachlorobutadiene	10.610	225	566167	50.333	ng		98
35) Caprolactam	11.275	113	163792	49.094	ng		98
36) 4-Chloro-3-methylphenol	11.599	107	625668	49.289	ng		98
37) 2-Methylnaphthalene	11.951	142	1219952	48.889	ng		99
38) 1-Methylnaphthalene	12.175	142	1202610	48.429	ng		99
40) 1,2,4,5-Tetrachloroben...	12.322	216	911817	51.280	ng		100
41) Hexachlorocyclopentadiene	12.293	237	280257	59.669	ng		99
43) 2,4,6-Trichlorophenol	12.581	196	568322	52.653	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.663	196	628321	52.416	ng		99
46) 1,1'-Biphenyl	12.975	154	1719007	49.449	ng		99
47) 2-Chloronaphthalene	13.016	162	1415194	49.711	ng		100
48) 2-Nitroaniline	13.251	65	426363	50.308	ng		99
49) Acenaphthylene	13.881	152	1959701	49.301	ng		100
50) Dimethylphthalate	13.628	163	1776740	47.883	ng		100
51) 2,6-Dinitrotoluene	13.745	165	417821	50.199	ng		95
52) Acenaphthene	14.228	154	1263943	49.111	ng		99
53) 3-Nitroaniline	14.087	138	327324	51.123	ng		99
54) 2,4-Dinitrophenol	14.322	184	269504	52.814	ng		97
55) Dibenzofuran	14.575	168	2202580	48.841	ng		99
56) 4-Nitrophenol	14.434	139	279956	48.438	ng		98
57) 2,4-Dinitrotoluene	14.563	165	606461	50.805	ng		98
58) Fluorene	15.222	166	1807910	48.653	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.804	232	592312	51.100	ng		99
60) Diethylphthalate	15.010	149	1799062	47.869	ng		99
61) 4-Chlorophenyl-phenyle...	15.222	204	1085077	49.433	ng		99
62) 4-Nitroaniline	15.287	138	342447	52.940	ng		99
63) Azobenzene	15.522	77	1650537	45.893	ng		99
65) 4,6-Dinitro-2-methylph...	15.351	198	401702	55.020	ng		95
66) n-Nitrosodiphenylamine	15.451	169	1534359	49.972	ng		99
67) 4-Bromophenyl-phenylether	16.139	248	752428	51.395	ng		97
68) Hexachlorobenzene	16.251	284	919498	51.366	ng		99
69) Atrazine	16.434	200	469787	43.086	ng		98
70) Pentachlorophenol	16.610	266	580164	53.043	ng		98
71) Phenanthrene	17.010	178	2954646	49.599	ng		100
72) Anthracene	17.110	178	2890476	50.616	ng		100
73) Carbazole	17.398	167	2668125	50.484	ng		100
74) Di-n-butylphthalate	17.969	149	3107002	50.083	ng		100
75) Fluoranthene	19.098	202	4083167	49.783	ng		100
77) Benzidine	19.316	184	634957	31.316	ng		100
78) Pyrene	19.480	202	4237925	49.837	ng		100
80) Butylbenzylphthalate	20.439	149	1470884	51.073	ng		97
81) Benzo(a)anthracene	21.386	228	4387491	50.563	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	1671481	51.080	ng		100
83) Chrysene	21.451	228	4117955	49.407	ng		100
84) Bis(2-ethylhexyl)phtha...	21.310	149	2165964	50.867	ng		98
85) Di-n-octyl phthalate	22.521	149	3547906	50.254	ng		99
87) Indeno(1,2,3-cd)pyrene	28.192	276	5810238	50.703	ng	#	97
88) Benzo(b)fluoranthene	23.580	252	5041638	50.365	ng		99
89) Benzo(k)fluoranthene	23.651	252	4637620	48.623	ng		100
90) Benzo(a)pyrene	24.445	252	4298327	50.218	ng		100
91) Dibenzo(a,h)anthracene	28.262	278	4722221	50.324	ng		100
92) Benzo(g,h,i)perylene	29.315	276	4838186	50.830	ng		99

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

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