Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120424\
Data File : BP023337.D
Acq On : 04 Dec 2024 19:00
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP120424

Manual Integrations APPROVED

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

Quant Time: Dec 05 01:57:52 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 01:54:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.534	152	128091	20.000	ng		0.00
21) Naphthalene-d8	10.281	136	522465	20.000	ng		0.00
39) Acenaphthene-d10	14.157	164	436353	20.000	ng		0.00
64) Phenanthrene-d10	16.963	188	1122980	20.000	ng		-0.01
76) Chrysene-d12	21.398	240	1221043	20.000	ng		-0.01
86) Perylene-d12	24.580	264	1355389	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	557766	83.979	ng		0.00
7) Phenol-d6	6.740	99	832257	88.215	ng		0.00
23) Nitrobenzene-d5	8.681	82	935780	79.443	ng		0.00
42) 2,4,6-Tribromophenol	15.675	330	616186	82.161	ng		-0.02
45) 2-Fluorobiphenyl	12.757	172	2312098	75.570	ng		0.00
79) Terphenyl-d14	19.704	244	5495256	82.936	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.128	88	119035	38.262	ng		99
3) Pyridine	3.528	79	342466m	44.823	ng		
4) n-Nitrosodimethylamine	3.440	42	165746	40.969	ng		98
6) Aniline	6.887	93	358244	47.931	ng		99
8) 2-Chlorophenol	7.116	128	294330	42.563	ng		96
9) Benzaldehyde	6.710	77	214976	Below Cal			99
10) Phenol	6.769	94	419344	44.153	ng		97
11) bis(2-Chloroethyl)ether	6.981	93	315882	41.428	ng		96
12) 1,3-Dichlorobenzene	7.422	146	357260	39.494	ng		98
13) 1,4-Dichlorobenzene	7.569	146	367340	39.742	ng		100
14) 1,2-Dichlorobenzene	7.875	146	355535	39.885	ng		99
15) Benzyl Alcohol	7.787	79	334878	46.111	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.052	45	377257	41.997	ng		98
17) 2-Methylphenol	7.987	107	279213	44.272	ng		97
18) Hexachloroethane	8.581	117	138761	39.350	ng		98
19) n-Nitroso-di-n-propyla...	8.334	70	306058	44.960	ng		99
20) 3+4-Methylphenols	8.310	107	393293	45.438	ng		98
22) Acetophenone	8.352	105	559690	39.876	ng	#	98
24) Nitrobenzene	8.722	77	480773	39.848	ng		100
25) Isophorone	9.234	82	824329	41.849	ng		99
26) 2-Nitrophenol	9.422	139	186191	42.006	ng		93
27) 2,4-Dimethylphenol	9.487	122	212439	41.393	ng		98
28) bis(2-Chloroethoxy)met...	9.710	93	454280	40.822	ng		99
29) 2,4-Dichlorophenol	9.957	162	367847	41.841	ng		98
30) 1,2,4-Trichlorobenzene	10.146	180	431353	37.205	ng		99
31) Naphthalene	10.334	128	1029179	38.921	ng		99
32) Benzoic acid	9.704	122	275425	46.345	ng		97
33) 4-Chloroaniline	10.457	127	379095	45.922	ng		99
34) Hexachlorobutadiene	10.604	225	312005	35.873	ng		99
35) Caprolactam	11.257	113	122716	47.573	ng		97
36) 4-Chloro-3-methylphenol	11.593	107	437934	44.618	ng		97
37) 2-Methylnaphthalene	11.940	142	774127	40.122	ng		99
38) 1-Methylnaphthalene	12.163	142	785182	40.919	ng		100
40) 1,2,4,5-Tetrachloroben...	12.316	216	557244	37.005	ng		99
41) Hexachlorocyclopentadiene	12.281	237	151609	38.114	ng		97
43) 2,4,6-Trichlorophenol	12.575	196	374116	40.927	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	423662	41.732	ng	98
46) 1,1'-Biphenyl	12.963	154	1139041	38.690	ng	99
47) 2-Chloronaphthalene	13.010	162	929946	38.571	ng	99
48) 2-Nitroaniline	13.240	65	322626	44.950	ng	96
49) Acenaphthylene	13.875	152	1358877	40.366	ng	100
50) Dimethylphthalate	13.610	163	1270548	40.431	ng	100
51) 2,6-Dinitrotoluene	13.745	165	299894	42.544	ng	99
52) Acenaphthene	14.222	154	868774	39.859	ng	99
53) 3-Nitroaniline	14.081	138	255018	47.613	ng	94
54) 2,4-Dinitrophenol	14.304	184	187086	43.291	ng	99
55) Dibenzofuran	14.563	168	1545801	40.474	ng	100
56) 4-Nitrophenol	14.428	139	211737	43.861	ng	96
57) 2,4-Dinitrotoluene	14.557	165	448555	44.370	ng	98
58) Fluorene	15.228	166	1286762	40.889	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.804	232	404647	41.228	ng	96
60) Diethylphthalate	15.004	149	1330106	41.790	ng	100
61) 4-Chlorophenyl-phenyle...	15.222	204	742613	39.947	ng	96
62) 4-Nitroaniline	15.275	138	257726	47.042	ng	98
63) Azobenzene	15.528	77	1254564	41.190	ng	97
65) 4,6-Dinitro-2-methylph...	15.339	198	278440	42.011	ng	99
66) n-Nitrosodiphenylamine	15.445	169	1110260	39.833	ng	99
67) 4-Bromophenyl-phenylether	16.133	248	518854	39.041	ng	97
68) Hexachlorobenzene	16.263	284	621729	38.260	ng	99
69) Atrazine	16.428	200	359323	36.302	ng	99
70) Pentachlorophenol	16.628	266	416817	41.980	ng	94
71) Phenanthrene	17.010	178	2122277	39.245	ng	99
72) Anthracene	17.104	178	2103633	40.579	ng	100
73) Carbazole	17.398	167	1996325	41.610	ng	100
74) Di-n-butylphthalate	17.975	149	2387755	42.399	ng	100
75) Fluoranthene	19.110	202	2970152	39.891	ng	99
77) Benzidine	19.316	184	1060136	59.867	ng	100
78) Pyrene	19.492	202	3087977	41.329	ng	100
80) Butylbenzylphthalate	20.439	149	1126036	44.498	ng	100
81) Benzo(a)anthracene	21.380	228	3025666	39.684	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	1234048	42.920	ng	99
83) Chrysene	21.445	228	2859424	39.045	ng	100
84) Bis(2-ethylhexyl)phtha...	21.310	149	1610160	43.036	ng	99
85) Di-n-octyl phthalate	22.515	149	2597968	41.880	ng	99
87) Indeno(1,2,3-cd)pyrene	28.186	276	3628834	39.424	ng	99
88) Benzo(b)fluoranthene	23.586	252	3264479	40.600	ng	100
89) Benzo(k)fluoranthene	23.651	252	3138074	40.758	ng	99
90) Benzo(a)pyrene	24.445	252	2819806	41.014	ng	99
91) Dibenzo(a,h)anthracene	28.239	278	2934199	38.929	ng	99
92) Benzo(g,h,i)perylene	29.303	276	3029859	39.630	ng	99

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

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