Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053024\
Data File : BP020480.D
Acq On : 30 May 2024 10:01
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 30 10:52:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	242196	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	865853	20.000	ng		0.00
39) Acenaphthene-d10	14.393	164	495156	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1001735	20.000	ng		0.00
76) Chrysene-d12	21.651	240	1019294	20.000	ng		-0.02
86) Perylene-d12	25.004	264	1205399	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1143767	84.554	ng		0.00
7) Phenol-d6	6.928	99	1419487	74.410	ng		0.00
23) Nitrobenzene-d5	8.911	82	1297157	82.008	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	407585	79.316	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2777763	83.628	ng		0.00
79) Terphenyl-d14	19.928	244	4227515	69.044	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	242209	44.314	ng		100
3) Pyridine	3.717	79	628880	40.923	ng		99
4) n-Nitrosodimethylamine	3.634	42	300589	40.270	ng		100
6) Aniline	7.105	93	685300	35.453	ng		99
8) 2-Chlorophenol	7.334	128	578687	38.162	ng		99
9) Benzaldehyde	6.922	77	535398	43.753	ng		100
10) Phenol	6.952	94	724724	37.088	ng		99
11) bis(2-Chloroethyl)ether	7.205	93	588082	36.493	ng		99
12) 1,3-Dichlorobenzene	7.652	146	716321	40.094	ng		99
13) 1,4-Dichlorobenzene	7.805	146	724828	39.917	ng		99
14) 1,2-Dichlorobenzene	8.116	146	676578	38.608	ng		98
15) Benzyl Alcohol	7.999	79	480815	34.122	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.287	45	843131m	35.044	ng		
17) 2-Methylphenol	8.193	107	469244	35.387	ng		99
18) Hexachloroethane	8.834	117	264564	39.901	ng		99
19) n-Nitroso-di-n-propyla...	8.563	70	418155	32.109	ng		98
20) 3+4-Methylphenols	8.516	107	619015	34.321	ng		99
22) Acetophenone	8.575	105	851590	39.623	ng	#	99
24) Nitrobenzene	8.952	77	656714	40.909	ng		100
25) Isophorone	9.475	82	1099145	35.765	ng		100
26) 2-Nitrophenol	9.652	139	216649	35.213	ng		99
27) 2,4-Dimethylphenol	9.705	122	358288	38.590	ng		98
28) bis(2-Chloroethoxy)met...	9.952	93	710598	37.619	ng		100
29) 2,4-Dichlorophenol	10.181	162	492978	39.577	ng		98
30) 1,2,4-Trichlorobenzene	10.393	180	606146	40.991	ng		97
31) Naphthalene	10.593	128	1763453	39.840	ng		99
32) Benzoic acid	9.816	122	265502m	32.654	ng		
33) 4-Chloroaniline	10.687	127	633137	36.976	ng		99
34) Hexachlorobutadiene	10.869	225	394315	42.331	ng		95
35) Caprolactam	11.457	113	149128	32.670	ng		94
36) 4-Chloro-3-methylphenol	11.804	107	513015	35.177	ng		96
37) 2-Methylnaphthalene	12.193	142	1155285	36.424	ng		99
38) 1-Methylnaphthalene	12.416	142	1133295	36.045	ng		100
40) 1,2,4,5-Tetrachloroben...	12.557	216	613169	42.800	ng		99
41) Hexachlorocyclopentadiene	12.540	237	221596	44.011	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	356276	41.141	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	400903	40.127	ng	99
46) 1,1'-Biphenyl	13.210	154	1435816	41.088	ng	99
47) 2-Chloronaphthalene	13.251	162	1145946	41.251	ng	99
48) 2-Nitroaniline	13.463	65	301381	40.037	ng	99
49) Acenaphthylene	14.116	152	1660265	40.277	ng	99
50) Dimethylphthalate	13.857	163	1305638	37.408	ng	99
51) 2,6-Dinitrotoluene	13.963	165	287091	38.482	ng	99
52) Acenaphthene	14.457	154	1052685	40.485	ng	100
53) 3-Nitroaniline	14.293	138	295222	39.451	ng	97
54) 2,4-Dinitrophenol	14.493	184	86619	34.153	ng	97
55) Dibenzofuran	14.793	168	1628761	39.543	ng	99
56) 4-Nitrophenol	14.593	139	238826	41.257	ng	96
57) 2,4-Dinitrotoluene	14.751	165	379966	38.755	ng	97
58) Fluorene	15.457	166	1305410	39.478	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	322095	39.395	ng	98
60) Diethylphthalate	15.245	149	1338260	37.718	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	655629	38.423	ng	96
62) 4-Nitroaniline	15.475	138	315965	40.989	ng	97
63) Azobenzene	15.757	77	1277562	38.562	ng	98
65) 4,6-Dinitro-2-methylph...	15.534	198	136115	33.415	ng	96
66) n-Nitrosodiphenylamine	15.675	169	1092768	39.678	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	395734	38.614	ng	97
68) Hexachlorobenzene	16.475	284	473792	39.282	ng	96
69) Atrazine	16.651	200	381976	39.423	ng	99
70) Pentachlorophenol	16.834	266	275876	37.660	ng	98
71) Phenanthrene	17.239	178	1977810	40.165	ng	100
72) Anthracene	17.334	178	1963246	40.630	ng	99
73) Carbazole	17.616	167	1978766	42.336	ng	99
74) Di-n-butylphthalate	18.228	149	2257920	39.892	ng	100
75) Fluoranthene	19.328	202	2500595	42.924	ng	100
77) Benzidine	19.533	184	1123563	33.119	ng	99
78) Pyrene	19.704	202	2642852	34.471	ng	99
80) Butylbenzylphthalate	20.675	149	992393	32.944	ng	98
81) Benzo(a)anthracene	21.633	228	2671091	39.799	ng	100
82) 3,3'-Dichlorobenzidine	21.563	252	893824	44.801	ng	100
83) Chrysene	21.704	228	2520170	39.850	ng	100
84) Bis(2-ethylhexyl)phtha...	21.598	149	1637286	37.523	ng	100
85) Di-n-octyl phthalate	22.904	149	2644642	41.700	ng	100
87) Indeno(1,2,3-cd)pyrene	28.809	276	3309135m	45.145	ng	
88) Benzo(b)fluoranthene	23.951	252	2836595	37.774	ng	99
89) Benzo(k)fluoranthene	24.027	252	2816723	38.458	ng	99
90) Benzo(a)pyrene	24.863	252	2509262	40.347	ng	100
91) Dibenzo(a,h)anthracene	28.921	278	2740149	44.819	ng	99
92) Benzo(g,h,i)perylene	30.009	276	2793542	45.713	ng	98

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

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