Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021590.D
Acq On : 21 Aug 2024 03:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 21 05:41:13 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 :
SSTDCCC040EC

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	402944	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	1692768	20.000	ng	#	0.00
39) Acenaphthene-d10	14.457	164	1114928	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	2517314	20.000	ng		0.02
76) Chrysene-d12	21.727	240	2341650	20.000	ng		0.03
86) Perylene-d12	25.157	264	2773518	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	1888385	69.588	ng		0.00
7) Phenol-d6	6.969	99	2721566	68.750	ng		0.00
23) Nitrobenzene-d5	8.951	82	2450203	74.710	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	1052215	84.797	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	4727515	64.712	ng		0.00
79) Terphenyl-d14	19.992	244	7794005	64.662	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	365411	28.399	ng		98
3) Pyridine	3.716	79	1064560	29.637	ng		94
4) n-Nitrosodimethylamine	3.622	42	337078	31.221	ng		95
6) Aniline	7.134	93	1225036	30.955	ng		96
8) 2-Chlorophenol	7.375	128	922846	36.799	ng		95
9) Benzaldehyde	6.946	77	1053413	41.561	ng		91
10) Phenol	6.999	94	1383267	33.744	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	1070987	30.876	ng		97
12) 1,3-Dichlorobenzene	7.699	146	1014034	34.042	ng		96
13) 1,4-Dichlorobenzene	7.840	146	1030976	34.275	ng		98
14) 1,2-Dichlorobenzene	8.157	146	983775	33.939	ng		99
15) Benzyl Alcohol	8.040	79	937630	33.011	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	981198	30.717	ng		96
17) 2-Methylphenol	8.240	107	904178	34.890	ng		96
18) Hexachloroethane	8.887	117	390978	32.414	ng		97
19) n-Nitroso-di-n-propyla...	8.604	70	759437	27.772	ng		95
20) 3+4-Methylphenols	8.569	107	1257976	36.000	ng		98
22) Acetophenone	8.622	105	1664184	32.001	ng	#	98
24) Nitrobenzene	8.993	77	1235189	34.677	ng		93
25) Isophorone	9.528	82	2251394	29.058	ng		97
26) 2-Nitrophenol	9.704	139	471861	51.148	ng		95
27) 2,4-Dimethylphenol	9.769	122	635787	33.251	ng		97
28) bis(2-Chloroethoxy)met...	10.004	93	1430851	30.254	ng		99
29) 2,4-Dichlorophenol	10.246	162	876092	38.779	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	979533	33.819	ng		99
31) Naphthalene	10.646	128	2984612	33.751	ng		100
32) Benzoic acid	9.904	122	794201	58.284	ng		90
33) 4-Chloroaniline	10.746	127	1137952	34.258	ng		96
34) Hexachlorobutadiene	10.940	225	606342	33.248	ng		100
35) Caprolactam	11.528	113	362446	38.544	ng		90
36) 4-Chloro-3-methylphenol	11.881	107	1177530	37.575	ng		96
37) 2-Methylnaphthalene	12.263	142	2008820	33.284	ng		100
38) 1-Methylnaphthalene	12.481	142	1996263	33.537	ng		99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1106581	33.874	ng		99
41) Hexachlorocyclopentadiene	12.616	237	199458	19.265	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	730546	40.259	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	825278	40.934	ng		97
46) 1,1'-Biphenyl	13.281	154	2642289	33.497	ng		99
47) 2-Chloronaphthalene	13.322	162	2074989	33.788	ng		99
48) 2-Nitroaniline	13.510	65	695149	41.203	ng		87
49) Acenaphthylene	14.169	152	3118052	34.538	ng		100
50) Dimethylphthalate	13.910	163	2537207	33.981	ng		99
51) 2,6-Dinitrotoluene	14.022	165	581288	39.370	ng		93
52) Acenaphthene	14.516	154	2045265m	34.528	ng		
53) 3-Nitroaniline	14.351	138	631470	43.085	ng	#	94
54) 2,4-Dinitrophenol	14.563	184	142056	38.137	ng	#	88
55) Dibenzofuran	14.857	168	3177057	34.865	ng		98
56) 4-Nitrophenol	14.669	139	557024	47.205	ng	#	86
57) 2,4-Dinitrotoluene	14.816	165	825589	43.605	ng		88
58) Fluorene	15.522	166	2538147	33.905	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	718656	41.996	ng		98
60) Diethylphthalate	15.298	149	2606295	34.020	ng		100
61) 4-Chlorophenyl-phenyle...	15.522	204	1261555	32.602	ng		98
62) 4-Nitroaniline	15.534	138	657812	43.508	ng		91
63) Azobenzene	15.822	77	2836548	30.121	ng		97
65) 4,6-Dinitro-2-methylph...	15.598	198	230679	35.176	ng		96
66) n-Nitrosodiphenylamine	15.739	169	2168477	32.144	ng		99
67) 4-Bromophenyl-phenylether	16.445	248	861620	32.340	ng		99
68) Hexachlorobenzene	16.557	284	1031711	32.769	ng		96
69) Atrazine	16.728	200	597011	25.776	ng		98
70) Pentachlorophenol	16.910	266	722294	42.032	ng		99
71) Phenanthrene	17.310	178	4176441	34.498	ng		100
72) Anthracene	17.410	178	4090962	34.456	ng		99
73) Carbazole	17.680	167	4033845	35.254	ng		99
74) Di-n-butylphthalate	18.286	149	4784108	34.045	ng		99
75) Fluoranthene	19.398	202	5254533	35.374	ng		100
77) Benzidine	19.592	184	1201674	22.622	ng		99
78) Pyrene	19.774	202	5456262	35.649	ng		100
80) Butylbenzylphthalate	20.721	149	2211149	38.810	ng		98
81) Benzo(a)anthracene	21.704	228	5035671	34.256	ng		99
82) 3,3'-Dichlorobenzidine	21.627	252	1855683	39.372	ng		99
83) Chrysene	21.774	228	4747947	34.210	ng		100
84) Bis(2-ethylhexyl)phtha...	21.657	149	3181141	36.614	ng		99
85) Di-n-octyl phthalate	22.974	149	5571179	37.662	ng		98
87) Indeno(1,2,3-cd)pyrene	29.062	276	6241214m	34.715	ng		
88) Benzo(b)fluoranthene	24.068	252	5410540	33.967	ng		99
89) Benzo(k)fluoranthene	24.145	252	5063718	32.588	ng		99
90) Benzo(a)pyrene	24.998	252	4745295	34.329	ng		99
91) Dibenzo(a,h)anthracene	29.150	278	5116297	34.250	ng		100
92) Benzo(g,h,i)perylene	30.297	276	5282945	35.285	ng		99

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

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