Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
Data File : BP021482.D
Acq On : 13 Aug 2024 13:15
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 13 23:48:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 23:44:24 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	312360	20.000	ng		0.00
21) Naphthalene-d8	10.587	136	1334707	20.000	ng		-0.01
39) Acenaphthene-d10	14.451	164	933864	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	2070828	20.000	ng		0.00
76) Chrysene-d12	21.698	240	2040393	20.000	ng		0.00
86) Perylene-d12	25.115	264	2299535	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	208031	9.889	ng		0.00
7) Phenol-d6	6.957	99	296244	9.654	ng		0.00
23) Nitrobenzene-d5	8.946	82	199944	7.732	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	83806	8.063	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	640316	10.464	ng		0.00
79) Terphenyl-d14	19.980	244	1090116	10.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	53510	5.365	ng		98
3) Pyridine	3.711	79	136152	4.890	ng		99
4) n-Nitrosodimethylamine	3.616	42	42551	5.084	ng	#	92
6) Aniline	7.128	93	153398	5.000	ng		97
8) 2-Chlorophenol	7.369	128	93591	4.814	ng		99
9) Benzaldehyde	6.946	77	106515	5.421	ng		99
10) Phenol	6.981	94	153713	4.837	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	137203	5.103	ng		99
12) 1,3-Dichlorobenzene	7.699	146	123281	5.339	ng		99
13) 1,4-Dichlorobenzene	7.840	146	122689	5.262	ng		97
14) 1,2-Dichlorobenzene	8.157	146	118950	5.294	ng		99
15) Benzyl Alcohol	8.028	79	101967	4.631	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.334	45	127954	5.167	ng		98
17) 2-Methylphenol	8.228	107	98168	4.887	ng		96
18) Hexachloroethane	8.887	117	46773	5.002	ng		97
19) n-Nitroso-di-n-propyla...	8.599	70	112153	5.291	ng		98
20) 3+4-Methylphenols	8.551	107	124528	4.597	ng		97
22) Acetophenone	8.610	105	212108	5.173	ng	#	98
24) Nitrobenzene	8.987	77	112817	4.017	ng		97
25) Isophorone	9.516	82	315900	5.171	ng		99
26) 2-Nitrophenol	9.698	139	18035	4.396	ng		97
27) 2,4-Dimethylphenol	9.757	122	72762	4.826	ng		99
28) bis(2-Chloroethoxy)met...	9.993	93	192662	5.167	ng		100
29) 2,4-Dichlorophenol	10.228	162	75312	4.228	ng		95
30) 1,2,4-Trichlorobenzene	10.451	180	118446	5.186	ng		95
31) Naphthalene	10.640	128	361804	5.189	ng		99
33) 4-Chloroaniline	10.740	127	131360	5.015	ng		97
34) Hexachlorobutadiene	10.940	225	72436	5.038	ng		97
35) Caprolactam	11.475	113	33090	4.463	ng		98
36) 4-Chloro-3-methylphenol	11.857	107	110736	4.481	ng		97
37) 2-Methylnaphthalene	12.251	142	249268	5.238	ng		98
38) 1-Methylnaphthalene	12.475	142	247615	5.276	ng		100
40) 1,2,4,5-Tetrachloroben...	12.622	216	133916	4.894	ng		99
41) Hexachlorocyclopentadiene	12.616	237	37190	4.288	ng		96
43) 2,4,6-Trichlorophenol	12.857	196	60845	4.003	ng		98
44) 2,4,5-Trichlorophenol	12.928	196	66306	3.926	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.275	154	341430	5.168	ng		99
47) 2-Chloronaphthalene	13.310	162	261761	5.089	ng		99
48) 2-Nitroaniline	13.498	65	34186	7.264	ng		97
49) Acenaphthylene	14.163	152	387614	5.126	ng		99
50) Dimethylphthalate	13.898	163	323804	5.178	ng		99
51) 2,6-Dinitrotoluene	14.010	165	30050	6.169	ng	#	81
52) Acenaphthene	14.516	154	255510	5.150	ng		99
53) 3-Nitroaniline	14.334	138	29621	6.160	ng	#	79
55) Dibenzofuran	14.851	168	405023	5.307	ng		99
57) 2,4-Dinitrotoluene	14.804	165	32636	6.843	ng		90
58) Fluorene	15.516	166	333975	5.326	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	58426	4.076	ng	#	98
60) Diethylphthalate	15.281	149	328116	5.113	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	173085	5.340	ng		100
62) 4-Nitroaniline	15.510	138	34574	5.481	ng	#	67
63) Azobenzene	15.810	77	419466	5.318	ng		98
66) n-Nitrosodiphenylamine	15.728	169	276698	4.986	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	109250	4.985	ng		97
68) Hexachlorobenzene	16.545	284	132184	5.104	ng		97
69) Atrazine	16.692	200	93767	4.921	ng		99
71) Phenanthrene	17.292	178	512757	5.149	ng		99
72) Anthracene	17.386	178	493987	5.058	ng		99
73) Carbazole	17.669	167	470253	4.996	ng		99
74) Di-n-butylphthalate	18.269	149	542975	4.697	ng		99
75) Fluoranthene	19.380	202	629080	5.148	ng		99
78) Pyrene	19.757	202	654333	4.906	ng		100
80) Butylbenzylphthalate	20.710	149	152079	6.382	ng		95
81) Benzo(a)anthracene	21.680	228	648521	5.063	ng		100
82) 3,3'-Dichlorobenzidine	21.592	252	178137	4.338	ng		98
83) Chrysene	21.745	228	618621	5.115	ng		99
84) Bis(2-ethylhexyl)phtha...	21.651	149	309738	4.091	ng		100
87) Indeno(1,2,3-cd)pyrene	28.962	276	715393m	4.800	ng		
88) Benzo(b)fluoranthene	24.015	252	636027	4.816	ng		99
89) Benzo(k)fluoranthene	24.092	252	640982	4.975	ng		99
90) Benzo(a)pyrene	24.939	252	548144	4.783	ng		100
91) Dibenzo(a,h)anthracene	29.068	278	594702	4.802	ng		98
92) Benzo(g,h,i)perylene	30.162	276	604771	4.872	ng		96

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

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