Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
Data File : BP021564.D
Acq On : 19 Aug 2024 22:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 20 00:10:14 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	447626	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1949355	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	1287035	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	2742598	20.000	ng		0.00
76) Chrysene-d12	21.716	240	2321954	20.000	ng		0.02
86) Perylene-d12	25.157	264	2830824	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	2393063	79.383	ng		0.01
7) Phenol-d6	6.975	99	3560013	80.954	ng		0.01
23) Nitrobenzene-d5	8.958	82	3235911	85.680	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	1339240	93.495	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	6334113	75.109	ng		0.00
79) Terphenyl-d14	19.981	244	9229196	77.219	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	462292	32.342	ng		99
3) Pyridine	3.717	79	1356373m	33.992	ng		
4) n-Nitrosodimethylamine	3.623	42	431241	35.955	ng		92
6) Aniline	7.134	93	1629506	37.065	ng		96
8) 2-Chlorophenol	7.375	128	1184301	42.511	ng		95
9) Benzaldehyde	6.952	77	1052430m	37.377	ng		
10) Phenol	6.999	94	1804643	39.629	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	1413037	36.671	ng		96
12) 1,3-Dichlorobenzene	7.699	146	1303351	39.386	ng		97
13) 1,4-Dichlorobenzene	7.840	146	1321570	39.551	ng		97
14) 1,2-Dichlorobenzene	8.158	146	1267253	39.355	ng		99
15) Benzyl Alcohol	8.040	79	1238088	39.238	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1277367	35.997	ng		97
17) 2-Methylphenol	8.246	107	1184084	41.130	ng		97
18) Hexachloroethane	8.887	117	506798	37.822	ng		98
19) n-Nitroso-di-n-propyla...	8.611	70	1024083	33.712	ng		95
20) 3+4-Methylphenols	8.569	107	1665665	42.909	ng		99
22) Acetophenone	8.622	105	2200587	36.746	ng	#	98
24) Nitrobenzene	8.999	77	1643385	40.064	ng		94
25) Isophorone	9.522	82	3084882	34.575	ng		97
26) 2-Nitrophenol	9.705	139	634310	56.398	ng		93
27) 2,4-Dimethylphenol	9.769	122	889103	40.379	ng		96
28) bis(2-Chloroethoxy)met...	9.999	93	1938508	35.593	ng		99
29) 2,4-Dichlorophenol	10.240	162	1161274	44.636	ng		98
30) 1,2,4-Trichlorobenzene	10.458	180	1300947	39.004	ng		99
31) Naphthalene	10.646	128	3984516	39.127	ng		100
32) Benzoic acid	9.916	122	1101412	66.072	ng		94
33) 4-Chloroaniline	10.746	127	1521766	39.782	ng		96
34) Hexachlorobutadiene	10.940	225	802961	38.234	ng		97
35) Caprolactam	11.534	113	481468	44.462	ng		90
36) 4-Chloro-3-methylphenol	11.875	107	1567933	43.447	ng		96
37) 2-Methylnaphthalene	12.263	142	2694240	38.765	ng		99
38) 1-Methylnaphthalene	12.481	142	2691056	39.258	ng		98
40) 1,2,4,5-Tetrachloroben...	12.628	216	1471514	39.021	ng		99
41) Hexachlorocyclopentadiene	12.610	237	237410	19.864	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	995523	47.525	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	1114687	47.895	ng		95
46) 1,1'-Biphenyl	13.275	154	3555750	39.049	ng		98
47) 2-Chloronaphthalene	13.316	162	2792890	39.396	ng		98
48) 2-Nitroaniline	13.510	65	915405	46.278	ng		88
49) Acenaphthylene	14.169	152	4145873	39.782	ng		99
50) Dimethylphthalate	13.904	163	3388025	39.308	ng		100
51) 2,6-Dinitrotoluene	14.016	165	776363	44.926	ng		93
52) Acenaphthene	14.510	154	2710395	39.637	ng		99
53) 3-Nitroaniline	14.346	138	822200	48.089	ng	#	93
54) 2,4-Dinitrophenol	14.551	184	184707	41.511	ng		90
55) Dibenzofuran	14.857	168	4106482	39.039	ng		99
56) 4-Nitrophenol	14.663	139	703585	51.174	ng		87
57) 2,4-Dinitrotoluene	14.810	165	1075896	48.579	ng		86
58) Fluorene	15.510	166	3276440	37.915	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	951199	48.152	ng		99
60) Diethylphthalate	15.287	149	3460991	39.135	ng		100
61) 4-Chlorophenyl-phenyle...	15.510	204	1672670	37.446	ng		99
62) 4-Nitroaniline	15.522	138	836035	47.605	ng		92
63) Azobenzene	15.804	77	3736547	34.372	ng		96
65) 4,6-Dinitro-2-methylph...	15.587	198	302038	40.049	ng		100
66) n-Nitrosodiphenylamine	15.722	169	2866507	39.001	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	1117799	38.510	ng		99
68) Hexachlorobenzene	16.540	284	1336674	38.967	ng		96
69) Atrazine	16.704	200	807377	31.995	ng		98
70) Pentachlorophenol	16.892	266	927785	49.555	ng		98
71) Phenanthrene	17.298	178	5107764	38.725	ng		100
72) Anthracene	17.387	178	5061049	39.125	ng		100
73) Carbazole	17.663	167	5037991	40.413	ng		100
74) Di-n-butylphthalate	18.263	149	6025709	39.358	ng		100
75) Fluoranthene	19.381	202	6309523	38.987	ng		99
77) Benzidine	19.569	184	2127579	39.328	ng		100
78) Pyrene	19.757	202	6343960	41.801	ng		100
80) Butylbenzylphthalate	20.710	149	2633724	45.895	ng		93
81) Benzo(a)anthracene	21.698	228	5876227	40.313	ng		99
82) 3,3'-Dichlorobenzidine	21.616	252	2265297	48.471	ng		100
83) Chrysene	21.769	228	5545271	40.294	ng		100
84) Bis(2-ethylhexyl)phtha...	21.645	149	3914124	45.433	ng		99
85) Di-n-octyl phthalate	22.974	149	6800036	45.242	ng		97
87) Indeno(1,2,3-cd)pyrene	29.068	276	7371997	40.175	ng		99
88) Benzo(b)fluoranthene	24.074	252	6226946	38.301	ng		100
89) Benzo(k)fluoranthene	24.151	252	6050631	38.151	ng		100
90) Benzo(a)pyrene	24.998	252	5606341	39.737	ng		99
91) Dibenzo(a,h)anthracene	29.186	278	6069998	39.812	ng		99
92) Benzo(g,h,i)perylene	30.280	276	6178096	40.429	ng		99

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

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