Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061424\
Data File : BP020631.D
Acq On : 14 Jun 2024 19:01
Operator : MA/JU
Sample : P2864-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 14 22:54:56 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 :
WC-HMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	214366	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	848974	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	549960	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1184739	20.000	ng	-0.01
76) Chrysene-d12	21.639	240	1063575	20.000	ng	-0.03
86) Perylene-d12	24.992	264	1262373	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1514996	126.537	ng	0.00
7) Phenol-d6	6.934	99	1837177	108.808	ng	0.00
23) Nitrobenzene-d5	8.899	82	1275882	82.266	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	984684	172.524	ng	-0.02
45) 2-Fluorobiphenyl	12.993	172	3140517	85.127	ng	-0.01
79) Terphenyl-d14	19.916	244	4905281	76.778	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	170866	35.320	ng	# 47
3) Pyridine	3.722	79	408388	30.025	ng	94
4) n-Nitrosodimethylamine	3.628	42	244455	37.002	ng	90
6) Aniline	7.087	93	242407	14.168	ng	98
8) 2-Chlorophenol	7.322	128	625096	46.575	ng	97
9) Benzaldehyde	6.910	77	46671m	4.309	ng	
10) Phenol	6.958	94	698132	40.366	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	561996	39.402	ng	99
12) 1,3-Dichlorobenzene	7.640	146	651012	41.169	ng	97
13) 1,4-Dichlorobenzene	7.787	146	668043	41.566	ng	99
14) 1,2-Dichlorobenzene	8.099	146	650633	41.947	ng	98
15) Benzyl Alcohol	7.993	79	563751	45.202	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	779748	36.618	ng	98
17) 2-Methylphenol	8.193	107	507732	43.260	ng	99
18) Hexachloroethane	8.816	117	239931	40.883	ng	94
19) n-Nitroso-di-n-propyla...	8.546	70	456232	39.581	ng	96
20) 3+4-Methylphenols	8.516	107	699775	43.836	ng	99
22) Acetophenone	8.563	105	928248	44.048	ng	98
24) Nitrobenzene	8.940	77	658475	41.834	ng	98
25) Isophorone	9.469	82	1265233	41.988	ng	98
26) 2-Nitrophenol	9.640	139	330696	52.708	ng	97
27) 2,4-Dimethylphenol	9.704	122	446945	49.096	ng	99
28) bis(2-Chloroethoxy)met...	9.940	93	757926	40.922	ng	99
29) 2,4-Dichlorophenol	10.181	162	614618	50.324	ng	97
30) 1,2,4-Trichlorobenzene	10.381	180	646939	44.619	ng	98
31) Naphthalene	10.575	128	1909582	43.999	ng	100
32) Benzoic acid	9.863	122	393970	45.902	ng	97
33) 4-Chloroaniline	10.687	127	80629	4.802	ng	96
34) Hexachlorobutadiene	10.846	225	403619	44.192	ng	97
35) Caprolactam	11.493	113	185469	41.439	ng	90
36) 4-Chloro-3-methylphenol	11.816	107	669750	46.837	ng	98
37) 2-Methylnaphthalene	12.181	142	1345405	43.262	ng	99
38) 1-Methylnaphthalene	12.410	142	1248927	40.512	ng	100
40) 1,2,4,5-Tetrachloroben...	12.545	216	784135	49.279	ng	100
41) Hexachlorocyclopentadiene	12.522	237	745152	133.247	ng	99
43) 2,4,6-Trichlorophenol	12.798	196	517480	53.801	ng	99

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44) 2,4,5-Trichlorophenol	12.869	196	573646	51.696	ng	98
46) 1,1'-Biphenyl	13.198	154	1787882	46.065	ng	98
47) 2-Chloronaphthalene	13.240	162	1393174	45.152	ng	99
48) 2-Nitroaniline	13.457	65	415394	49.684	ng	97
49) Acenaphthylene	14.104	152	2332127	50.938	ng	100
50) Dimethylphthalate	13.840	163	1816418	46.856	ng	100
51) 2,6-Dinitrotoluene	13.957	165	395962	47.786	ng	95
52) Acenaphthene	14.445	154	1319081	45.675	ng	100
53) 3-Nitroaniline	14.292	138	104313	12.550	ng	99
54) 2,4-Dinitrophenol	14.510	184	437070	105.467	ng	91
55) Dibenzofuran	14.787	168	2166868	47.365	ng	98
56) 4-Nitrophenol	14.622	139	646047	100.483	ng	93
57) 2,4-Dinitrotoluene	14.757	165	564530	51.842	ng	92
58) Fluorene	15.445	166	1728406	47.062	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	513155	56.509	ng	96
60) Diethylphthalate	15.228	149	1799531	45.665	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	899592	47.467	ng	98
62) 4-Nitroaniline	15.475	138	381668	44.578	ng	97
63) Azobenzene	15.745	77	1603079	43.566	ng	96
65) 4,6-Dinitro-2-methylph...	15.534	198	311649	57.526	ng	93
66) n-Nitrosodiphenylamine	15.663	169	1495320	45.907	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	588373	48.543	ng	97
68) Hexachlorobenzene	16.469	284	688570	48.270	ng	99
69) Atrazine	16.645	200	473622	41.331	ng	99
70) Pentachlorophenol	16.833	266	900117	103.895	ng	99
71) Phenanthrene	17.233	178	2749862	47.217	ng	100
72) Anthracene	17.322	178	2770385	48.478	ng	100
73) Carbazole	17.616	167	2510263	45.412	ng	99
74) Di-n-butylphthalate	18.198	149	3194897	47.727	ng	99
75) Fluoranthene	19.322	202	3199854	46.443	ng	99
77) Benzidine	19.527	184	386188m	14.913	ng	
78) Pyrene	19.698	202	3335495	41.694	ng	100
80) Butylbenzylphthalate	20.657	149	1414256	44.105	ng	91
81) Benzo(a)anthracene	21.616	228	3281053	46.852	ng	99
82) 3,3'-Dichlorobenzidine	21.545	252	430024	20.657	ng	98
83) Chrysene	21.692	228	3128494	47.410	ng	100
84) Bis(2-ethylhexyl)phtha...	21.557	149	2069346	45.450	ng	98
85) Di-n-octyl phthalate	22.851	149	3607623	54.516	ng	97
87) Indeno(1,2,3-cd)pyrene	28.798	276	4090383m	53.285	ng	
88) Benzo(b)fluoranthene	23.939	252	3374826	42.913	ng	99
89) Benzo(k)fluoranthene	24.004	252	3348052	43.649	ng	99
90) Benzo(a)pyrene	24.833	252	3167076	48.626	ng	99
91) Dibenzo(a,h)anthracene	28.880	278	3349823	52.318	ng	97
92) Benzo(g,h,i)perylene	29.974	276	3163805m	49.435	ng	

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

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