Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
Data File : BP020542.D
Acq On : 06 Jun 2024 15:10
Operator : MA/JU
Sample : PB161290BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 06 16:01:05 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 :
PB161290BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	280216	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	997174	20.000	ng		0.00
39) Acenaphthene-d10	14.393	164	563266	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1119554	20.000	ng		0.00
76) Chrysene-d12	21.645	240	1148508	20.000	ng		-0.02
86) Perylene-d12	25.004	264	1355563	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	2007512	128.271	ng		0.00
7) Phenol-d6	6.934	99	2402466	108.850	ng		0.00
23) Nitrobenzene-d5	8.910	82	1488853	81.731	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	843792	144.346	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	3243675	85.846	ng		0.00
79) Terphenyl-d14	19.933	244	4924499	71.379	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	232189	36.717	ng		96
3) Pyridine	3.711	79	576192	32.407	ng		95
4) n-Nitrosodimethylamine	3.623	42	329666	38.173	ng		95
6) Aniline	7.099	93	556808	24.897	ng		97
8) 2-Chlorophenol	7.328	128	720993	41.096	ng		97
9) Benzaldehyde	6.916	77	98846m	6.982	ng		
10) Phenol	6.958	94	853969	37.773	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	697848	37.429	ng		99
12) 1,3-Dichlorobenzene	7.652	146	860207	41.615	ng		98
13) 1,4-Dichlorobenzene	7.799	146	865235	41.184	ng		98
14) 1,2-Dichlorobenzene	8.111	146	826283	40.753	ng		99
15) Benzyl Alcohol	7.999	79	607134	37.240	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	976083	35.066	ng		98
17) 2-Methylphenol	8.193	107	556786	36.292	ng		99
18) Hexachloroethane	8.828	117	315622	41.143	ng		95
19) n-Nitroso-di-n-propyla...	8.558	70	502787	33.369	ng		96
20) 3+4-Methylphenols	8.516	107	733494	35.150	ng		98
22) Acetophenone	8.575	105	1027788	41.523	ng	#	98
24) Nitrobenzene	8.952	77	747689	40.443	ng		99
25) Isophorone	9.475	82	1331445	37.618	ng		99
26) 2-Nitrophenol	9.646	139	347387	47.540	ng		98
27) 2,4-Dimethylphenol	9.710	122	454012	42.460	ng		98
28) bis(2-Chloroethoxy)met...	9.952	93	817637	37.585	ng		98
29) 2,4-Dichlorophenol	10.187	162	609778	42.507	ng		98
30) 1,2,4-Trichlorobenzene	10.393	180	740233	43.466	ng		98
31) Naphthalene	10.587	128	2088490	40.969	ng		99
32) Benzoic acid	9.834	122	388586	39.643	ng		98
33) 4-Chloroaniline	10.687	127	346487	17.570	ng		100
34) Hexachlorobutadiene	10.863	225	474743	44.254	ng		97
35) Caprolactam	11.469	113	183390m	34.885	ng		
36) 4-Chloro-3-methylphenol	11.810	107	616874	36.728	ng		99
37) 2-Methylnaphthalene	12.187	142	1366703	37.415	ng		99
38) 1-Methylnaphthalene	12.416	142	1270218	35.079	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	771900	47.364	ng		99
41) Hexachlorocyclopentadiene	12.534	237	852948	148.919	ng		100
43) 2,4,6-Trichlorophenol	12.804	196	468127	47.520	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	505610	44.488	ng	98
46) 1,1'-Biphenyl	13.216	154	1720193	43.274	ng	99
47) 2-Chloronaphthalene	13.251	162	1358036	42.974	ng	99
48) 2-Nitroaniline	13.463	65	371126	43.341	ng	94
49) Acenaphthylene	14.110	152	2117850	45.165	ng	100
50) Dimethylphthalate	13.851	163	1572329	39.601	ng	99
51) 2,6-Dinitrotoluene	13.963	165	338615	39.900	ng	89
52) Acenaphthene	14.457	154	1212168	40.981	ng	100
53) 3-Nitroaniline	14.298	138	253661	29.798	ng	98
54) 2,4-Dinitrophenol	14.510	184	362666	90.687	ng	93
55) Dibenzofuran	14.793	168	1955773	41.740	ng	99
56) 4-Nitrophenol	14.610	139	620468	94.225	ng	96
57) 2,4-Dinitrotoluene	14.763	165	473529	42.458	ng	94
58) Fluorene	15.451	166	1501847	39.927	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	428784	46.103	ng	98
60) Diethylphthalate	15.240	149	1555903	38.550	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	783360	40.357	ng	98
62) 4-Nitroaniline	15.475	138	340957	38.882	ng	99
63) Azobenzene	15.763	77	1434864	38.073	ng	96
65) 4,6-Dinitro-2-methylph...	15.534	198	253255	50.541	ng	94
66) n-Nitrosodiphenylamine	15.681	169	1321598	42.936	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	471726	41.185	ng	98
68) Hexachlorobenzene	16.475	284	576219	42.746	ng	100
69) Atrazine	16.657	200	479271	44.259	ng	100
70) Pentachlorophenol	16.834	266	758631	92.663	ng	99
71) Phenanthrene	17.245	178	2344910	42.608	ng	99
72) Anthracene	17.334	178	2370186	43.890	ng	100
73) Carbazole	17.616	167	2225566	42.606	ng	99
74) Di-n-butylphthalate	18.222	149	2736488	43.259	ng	99
75) Fluoranthene	19.333	202	2906512	44.642	ng	99
77) Benzidine	19.533	184	657105m	20.062	ng	
78) Pyrene	19.710	202	3066557	35.497	ng	100
80) Butylbenzylphthalate	20.675	149	1325000	38.587	ng	92
81) Benzo(a)anthracene	21.622	228	3277658	43.342	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	984026	43.773	ng	99
83) Chrysene	21.704	228	3067366	43.046	ng	100
84) Bis(2-ethylhexyl)phtha...	21.586	149	1958038	39.825	ng	99
85) Di-n-octyl phthalate	22.880	149	3512458	49.152	ng	97
87) Indeno(1,2,3-cd)pyrene	28.815	276	4418984m	53.608	ng	
88) Benzo(b)fluoranthene	23.939	252	3465378	41.035	ng	99
89) Benzo(k)fluoranthene	24.016	252	3483420	42.292	ng	99
90) Benzo(a)pyrene	24.851	252	3338481	47.734	ng	99
91) Dibenzo(a,h)anthracene	28.915	278	3616645	52.602	ng	98
92) Benzo(g,h,i)perylene	29.998	276	3460671	50.357	ng	98

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

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