Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061024\
Data File : BP020577.D
Acq On : 10 Jun 2024 14:45
Operator : MA/JU
Sample : P2740-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 10 15:49:14 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 :
WCS-TPAMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	229984	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	909059	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	580517	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1272961	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1276156	20.000	ng	-0.01
86) Perylene-d12	25.033	264	1382894	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1577846	122.837	ng	0.00
7) Phenol-d6	6.940	99	1934851	106.811	ng	0.00
23) Nitrobenzene-d5	8.910	82	1359003	81.834	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	972504	161.421	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3118388	80.078	ng	0.00
79) Terphenyl-d14	19.933	244	5431666	70.855	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	187485	36.123	ng	# 52
3) Pyridine	3.734	79	456438	31.278	ng	96
4) n-Nitrosodimethylamine	3.634	42	267910	37.798	ng	94
6) Aniline	7.105	93	233730	12.734	ng	97
8) 2-Chlorophenol	7.334	128	639272	44.396	ng	97
9) Benzaldehyde	6.916	77	28960m	2.492	ng	
10) Phenol	6.969	94	724769	39.060	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	602371	39.365	ng	99
12) 1,3-Dichlorobenzene	7.646	146	685769	40.422	ng	99
13) 1,4-Dichlorobenzene	7.799	146	703241	40.784	ng	99
14) 1,2-Dichlorobenzene	8.110	146	681087	40.929	ng	98
15) Benzyl Alcohol	8.005	79	537265	40.153	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.269	45	844476	36.964	ng	98
17) 2-Methylphenol	8.199	107	525392	41.725	ng	100
18) Hexachloroethane	8.828	117	257920	40.964	ng	94
19) n-Nitroso-di-n-propyla...	8.569	70	473946	38.326	ng	96
20) 3+4-Methylphenols	8.528	107	707152	41.290	ng	100
22) Acetophenone	8.581	105	947954	42.010	ng	99
24) Nitrobenzene	8.952	77	691973	41.057	ng	99
25) Isophorone	9.475	82	1319223	40.886	ng	99
26) 2-Nitrophenol	9.652	139	329578	49.320	ng	99
27) 2,4-Dimethylphenol	9.710	122	454277	46.603	ng	98
28) bis(2-Chloroethoxy)met...	9.952	93	805399	40.611	ng	100
29) 2,4-Dichlorophenol	10.181	162	622966	47.636	ng	96
30) 1,2,4-Trichlorobenzene	10.393	180	659331	42.468	ng	97
31) Naphthalene	10.581	128	1930948	41.550	ng	100
32) Benzoic acid	9.857	122	348839	39.142	ng	96
33) 4-Chloroaniline	10.693	127	68085	3.787	ng	97
34) Hexachlorobutadiene	10.851	225	408793	41.800	ng	100
35) Caprolactam	11.504	113	202991	42.356	ng	96
36) 4-Chloro-3-methylphenol	11.822	107	682128	44.550	ng	96
37) 2-Methylnaphthalene	12.187	142	1350470	40.554	ng	99
38) 1-Methylnaphthalene	12.416	142	1264462	38.305	ng	100
40) 1,2,4,5-Tetrachloroben...	12.551	216	769476	45.812	ng	99
41) Hexachlorocyclopentadiene	12.528	237	882492	149.499	ng	100
43) 2,4,6-Trichlorophenol	12.810	196	517011	50.923	ng	99

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44) 2,4,5-Trichlorophenol	12.875	196	564261	48.173	ng	98
46) 1,1'-Biphenyl	13.210	154	1787712	43.636	ng	99
47) 2-Chloronaphthalene	13.251	162	1383462	42.478	ng	99
48) 2-Nitroaniline	13.463	65	434665	49.252	ng	98
49) Acenaphthylene	14.104	152	2296393	47.518	ng	100
50) Dimethylphthalate	13.851	163	1859511	45.442	ng	100
51) 2,6-Dinitrotoluene	13.969	165	407743	46.618	ng	93
52) Acenaphthene	14.451	154	1294126	42.452	ng	100
53) 3-Nitroaniline	14.304	138	95724	10.911	ng	100
54) 2,4-Dinitrophenol	14.498	184	428547	100.063	ng	96
55) Dibenzofuran	14.787	168	2151120	44.545	ng	99
56) 4-Nitrophenol	14.622	139	706292	104.071	ng	98
57) 2,4-Dinitrotoluene	14.757	165	571469	49.716	ng	93
58) Fluorene	15.457	166	1687970	43.541	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	503229	52.499	ng	97
60) Diethylphthalate	15.228	149	1841864	44.279	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	871409	43.560	ng	98
62) 4-Nitroaniline	15.487	138	368129	40.734	ng	99
63) Azobenzene	15.751	77	1684832	43.377	ng	98
65) 4,6-Dinitro-2-methylph...	15.539	198	314055	54.428	ng	96
66) n-Nitrosodiphenylamine	15.669	169	1258947	35.972	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	591668	45.432	ng	99
68) Hexachlorobenzene	16.481	284	665169	43.398	ng	98
69) Atrazine	16.645	200	250675	20.359	ng	99
70) Pentachlorophenol	16.834	266	920150	98.847	ng	98
71) Phenanthrene	17.245	178	2836684	45.332	ng	99
72) Anthracene	17.333	178	2882953	46.952	ng	99
73) Carbazole	17.616	167	2072234	34.890	ng	100
74) Di-n-butylphthalate	18.216	149	3324094	46.216	ng	99
75) Fluoranthene	19.333	202	3530696	47.693	ng	99
77) Benzidine	19.545	184	377776m	13.261	ng	
78) Pyrene	19.710	202	3636769	37.887	ng	99
80) Butylbenzylphthalate	20.674	149	1567951	40.937	ng	92
81) Benzo(a)anthracene	21.633	228	3768060	44.843	ng	100
82) 3,3'-Dichlorobenzidine	21.563	252	281381	11.265	ng	99
83) Chrysene	21.704	228	3572440	45.119	ng	100
84) Bis(2-ethylhexyl)phtha...	21.586	149	2298364	42.071	ng	98
85) Di-n-octyl phthalate	22.880	149	4090660	51.518	ng	97
87) Indeno(1,2,3-cd)pyrene	28.856	276	4772712m	56.755	ng	
88) Benzo(b)fluoranthene	23.963	252	3920242	45.504	ng	99
89) Benzo(k)fluoranthene	24.033	252	3944811	46.947	ng	100
90) Benzo(a)pyrene	24.874	252	3669177	51.426	ng	98
91) Dibenzo(a,h)anthracene	28.939	278	3947057	56.273	ng	100
92) Benzo(g,h,i)perylene	30.045	276	3628327	51.753	ng	97

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

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