Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060624\
Data File : BP020549.D
Acq On : 06 Jun 2024 20:30
Operator : MA/JU
Sample : P2686-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WCS-TPQMS

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

Quant Time: Jun 07 01:33:24 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	261692	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	925041	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	552492	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1226985	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1174456	20.000	ng	-0.02
86) Perylene-d12	25.015	264	1403532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1756102	120.149	ng	0.00
7) Phenol-d6	6.934	99	2137406	103.696	ng	0.00
23) Nitrobenzene-d5	8.910	82	1282146	75.872	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	915720	159.706	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	2707096	73.042	ng	0.00
79) Terphenyl-d14	19.933	244	4576795	64.873	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	238371	40.363	ng	95
3) Pyridine	3.711	79	608535	36.649	ng	94
4) n-Nitrosodimethylamine	3.622	42	320447	39.733	ng	92
6) Aniline	7.099	93	326492	15.632	ng	98
8) 2-Chlorophenol	7.328	128	719774	43.930	ng	99
9) Benzaldehyde	6.911	77	93626m	7.081	ng	
10) Phenol	6.963	94	869478	41.181	ng	100
11) bis(2-Chloroethyl)ether	7.193	93	698209	40.099	ng	99
12) 1,3-Dichlorobenzene	7.652	146	821323	42.547	ng	99
13) 1,4-Dichlorobenzene	7.799	146	847418	43.191	ng	99
14) 1,2-Dichlorobenzene	8.110	146	789971	41.720	ng	99
15) Benzyl Alcohol	7.999	79	600707	39.454	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	935577	35.990	ng	97
17) 2-Methylphenol	8.205	107	560446	39.116	ng	99
18) Hexachloroethane	8.834	117	291391	40.673	ng	90
19) n-Nitroso-di-n-propyla...	8.563	70	497240	35.337	ng	96
20) 3+4-Methylphenols	8.522	107	757279	38.859	ng	98
22) Acetophenone	8.575	105	1024230	44.606	ng	98
24) Nitrobenzene	8.952	77	725107	42.280	ng	97
25) Isophorone	9.475	82	1323913	40.322	ng	98
26) 2-Nitrophenol	9.652	139	353677	51.805	ng	97
27) 2,4-Dimethylphenol	9.710	122	458146	46.188	ng	98
28) bis(2-Chloroethoxy)met...	9.952	93	835172	41.385	ng	100
29) 2,4-Dichlorophenol	10.181	162	631330	47.442	ng	96
30) 1,2,4-Trichlorobenzene	10.393	180	717089	45.390	ng	97
31) Naphthalene	10.593	128	2061419	43.591	ng	100
32) Benzoic acid	9.857	122	467784	49.406	ng	98
33) 4-Chloroaniline	10.693	127	214442	11.722	ng	99
34) Hexachlorobutadiene	10.863	225	461656	46.390	ng	99
35) Caprolactam	11.481	113	197883m	40.577	ng	
36) 4-Chloro-3-methylphenol	11.810	107	650867	41.774	ng	99
37) 2-Methylnaphthalene	12.193	142	1384503	40.858	ng	99
38) 1-Methylnaphthalene	12.422	142	1285286	38.263	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	784938	49.104	ng	98
41) Hexachlorocyclopentadiene	12.534	237	246394	43.858	ng	99
43) 2,4,6-Trichlorophenol	12.804	196	508460	52.621	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	547355	49.100	ng	98
46) 1,1'-Biphenyl	13.210	154	1770302	45.403	ng	99
47) 2-Chloronaphthalene	13.251	162	1397886	45.098	ng	99
48) 2-Nitroaniline	13.463	65	410229	48.841	ng	98
49) Acenaphthylene	14.110	152	2237745	48.653	ng	99
50) Dimethylphthalate	13.857	163	1665368	42.762	ng	99
51) 2,6-Dinitrotoluene	13.969	165	368318	44.246	ng	96
52) Acenaphthene	14.457	154	1283596	44.243	ng	100
53) 3-Nitroaniline	14.304	138	264706	31.702	ng	96
54) 2,4-Dinitrophenol	14.504	184	140585	45.386	ng	94
55) Dibenzofuran	14.798	168	2087708	45.425	ng	98
56) 4-Nitrophenol	14.622	139	725490	112.322	ng	91
57) 2,4-Dinitrotoluene	14.757	165	529670	48.417	ng	96
58) Fluorene	15.463	166	1665913	45.152	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	506960	55.571	ng	97
60) Diethylphthalate	15.234	149	1682715	42.505	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	849051	44.595	ng	99
62) 4-Nitroaniline	15.481	138	377934	43.940	ng	99
63) Azobenzene	15.757	77	1599403	43.267	ng	97
65) 4,6-Dinitro-2-methylph...	15.540	198	117694	25.839	ng	92
66) n-Nitrosodiphenylamine	15.675	169	1498934	44.434	ng	100
67) 4-Bromophenyl-phenylether	16.369	248	578875	46.115	ng	99
68) Hexachlorobenzene	16.481	284	685501	46.401	ng	99
69) Atrazine	16.651	200	567724	47.837	ng	98
70) Pentachlorophenol	16.839	266	962374	107.257	ng	99
71) Phenanthrene	17.251	178	2828501	46.895	ng	99
72) Anthracene	17.334	178	2834612	47.894	ng	100
73) Carbazole	17.616	167	2718466	47.485	ng	100
74) Di-n-butylphthalate	18.216	149	3201340	46.177	ng	99
75) Fluoranthene	19.328	202	3500561	49.058	ng	99
77) Benzidine	19.539	184	1348591	34.251	ng	98
78) Pyrene	19.710	202	3656786	41.394	ng	100
80) Butylbenzylphthalate	20.669	149	1530227	43.265	ng	92
81) Benzo(a)anthracene	21.627	228	3620582	46.819	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	1176604	51.184	ng	99
83) Chrysene	21.704	228	3378657	46.367	ng	100
84) Bis(2-ethylhexyl)phtha...	21.586	149	2242615	44.606	ng	99
85) Di-n-octyl phthalate	22.880	149	3895986	53.315	ng	98
87) Indeno(1,2,3-cd)pyrene	28.845	276	4506528m	52.802	ng	
88) Benzo(b)fluoranthene	23.951	252	3725009	42.602	ng	99
89) Benzo(k)fluoranthene	24.033	252	3621278	42.463	ng	99
90) Benzo(a)pyrene	24.863	252	3467979	47.891	ng	99
91) Dibenzo(a,h)anthracene	28.933	278	3662234	51.445	ng	98
92) Benzo(g,h,i)perylene	30.021	276	3484299	48.968	ng	98

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

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