Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009571.D
Acq On : 28 Mar 2022 18:22
Operator : CG/JU
Sample : N2140-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MHCMS

Quant Time: Mar 29 03:12:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 06:34:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	275700	20.000	ng	-0.01
21) Naphthalene-d8	10.557	136	1050962	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	628693	20.000	ng	-0.01
64) Phenanthrene-d10	17.175	188	1242247	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1217579	20.000	ng	0.00
86) Perylene-d12	23.686	264	1412824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1757754	111.314	ng	0.00
7) Phenol-d6	6.958	99	2231385	104.490	ng	0.00
23) Nitrobenzene-d5	8.922	82	1348499	68.185	ng	-0.01
42) 2,4,6-Tribromophenol	15.916	330	884843	85.290	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	3124172	68.889	ng	0.00
79) Terphenyl-d14	19.757	244	4591147	67.680	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	293581	46.939	ng	99
3) Pyridine	3.693	79	814037	48.324	ng	99
4) n-Nitrosodimethylamine	3.605	42	337750	54.442	ng	100
6) Aniline	7.099	93	465725	19.135	ng	99
8) 2-Chlorophenol	7.334	128	905162	50.269	ng	98
9) Benzaldehyde	6.911	77	431079	42.701	ng	96
10) Phenol	6.981	94	1107650	51.701	ng	98
11) bis(2-Chloroethyl)ether	7.193	93	837230	49.378	ng	97
12) 1,3-Dichlorobenzene	7.658	146	984369	48.436	ng	99
13) 1,4-Dichlorobenzene	7.799	146	997765	48.018	ng	99
14) 1,2-Dichlorobenzene	8.116	146	952027	47.403	ng	97
15) Benzyl Alcohol	8.011	79	741221	43.534	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	947378	51.545	ng	97
17) 2-Methylphenol	8.222	107	711130	48.167	ng	99
18) Hexachloroethane	8.840	117	351091	48.212	ng	94
19) n-Nitroso-di-n-propyla...	8.575	70	619676	45.878	ng	99
20) 3+4-Methylphenols	8.552	107	964743	47.524	ng	98
22) Acetophenone	8.587	105	1249749	48.045	ng	99
24) Nitrobenzene	8.963	77	937554	50.183	ng	98
25) Isophorone	9.493	82	1707204	50.607	ng	99
26) 2-Nitrophenol	9.675	139	461324	47.373	ng	97
27) 2,4-Dimethylphenol	9.752	122	749856	54.570	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	1057477	48.144	ng	99
29) 2,4-Dichlorophenol	10.222	162	819111	48.869	ng	99
30) 1,2,4-Trichlorobenzene	10.422	180	900657	46.380	ng	98
31) Naphthalene	10.610	128	2595102	47.938	ng	100
32) Benzoic acid	9.934	122	510013	47.473	ng	95
33) 4-Chloroaniline	10.734	127	179316	8.117	ng	97
34) Hexachlorobutadiene	10.899	225	574238	43.642	ng	99
35) Caprolactam	11.522	113	238282	42.123	ng	96
36) 4-Chloro-3-methylphenol	11.869	107	816500	45.333	ng	100
37) 2-Methylnaphthalene	12.228	142	1777270	46.791	ng	99
38) 1-Methylnaphthalene	12.446	142	1707487	46.146	ng	99
40) 1,2,4,5-Tetrachloroben...	12.599	216	999327	47.908	ng	99
41) Hexachlorocyclopentadiene	12.581	237	867530	94.127	ng	100
43) 2,4,6-Trichlorophenol	12.846	196	648533	46.907	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	703851	46.879	ng	98
46) 1,1'-Biphenyl	13.246	154	2291274	48.854	ng	99
47) 2-Chloronaphthalene	13.281	162	1785180	48.346	ng	99
48) 2-Nitroaniline	13.493	65	477109	47.441	ng	97
49) Acenaphthylene	14.134	152	2916471	51.164	ng	100
50) Dimethylphthalate	13.875	163	2152606	45.187	ng	100
51) 2,6-Dinitrotoluene	13.993	165	473766	47.466	ng	99
52) Acenaphthene	14.475	154	1637704	48.096	ng	99
53) 3-Nitroaniline	14.328	138	220521	20.917	ng	97
54) 2,4-Dinitrophenol	14.545	184	522465	83.999	ng	99
55) Dibenzofuran	14.816	168	2632167	46.013	ng	100
56) 4-Nitrophenol	14.663	139	755377	96.123	ng	97
57) 2,4-Dinitrotoluene	14.793	165	636087	46.348	ng	98
58) Fluorene	15.469	166	2061999	45.832	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.051	232	583637	42.879	ng	95
60) Diethylphthalate	15.245	149	2072797	43.475	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1088289	43.912	ng	96
62) 4-Nitroaniline	15.498	138	445699	40.256	ng	97
63) Azobenzene	15.757	77	1962094	47.308	ng	99
65) 4,6-Dinitro-2-methylph...	15.563	198	347515	43.505	ng	97
66) n-Nitrosodiphenylamine	15.681	169	1815219	49.378	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	689059	45.330	ng	95
68) Hexachlorobenzene	16.481	284	780676	44.623	ng	99
69) Atrazine	16.645	200	653971	50.598	ng	99
70) Pentachlorophenol	16.834	266	905898	96.868	ng	99
71) Phenanthrene	17.222	178	3193496	48.024	ng	100
72) Anthracene	17.310	178	3235761	49.284	ng	100
73) Carbazole	17.586	167	2924148	45.541	ng	100
74) Di-n-butylphthalate	18.151	149	3467983	46.091	ng	100
75) Fluoranthene	19.204	202	3719989	46.208	ng	98
77) Benzidine	19.386	184	1151080	38.569	ng	99
78) Pyrene	19.557	202	3848964	47.972	ng	100
80) Butylbenzylphthalate	20.439	149	1522849	44.655	ng	99
81) Benzo(a)anthracene	21.280	228	3836479	47.959	ng	100
82) 3,3'-Dichlorobenzidine	21.216	252	761843	24.653	ng	98
83) Chrysene	21.333	228	3579074	47.250	ng	99
84) Bis(2-ethylhexyl)phtha...	21.210	149	2228687	46.886	ng	100
85) Di-n-octyl phthalate	22.133	149	3844786	46.926	ng	99
87) Indeno(1,2,3-cd)pyrene	26.186	276	5241014	48.896	ng	96
88) Benzo(b)fluoranthene	22.957	252	4072455	48.285	ng	99
89) Benzo(k)fluoranthene	23.010	252	4098843	49.635	ng	98
90) Benzo(a)pyrene	23.580	252	4108074	56.929	ng	98
91) Dibenzo(a,h)anthracene	26.198	278	4585716	51.333	ng	97
92) Benzo(g,h,i)perylene	26.945	276	4588338	52.210	ng	96

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

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