Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
Data File : BP009574.D
Acq On : 28 Mar 2022 20:03
Operator : CG/JU
Sample : N2109-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1MSD

Quant Time: Mar 29 03:13:38 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	263978	20.000	ng		-0.01
21) Naphthalene-d8	10.557	136	1024347	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	596396	20.000	ng		-0.01
64) Phenanthrene-d10	17.175	188	1159925	20.000	ng		-0.01
76) Chrysene-d12	21.292	240	1206485	20.000	ng		0.00
86) Perylene-d12	23.686	264	1506088	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1801872	119.175	ng		0.00
7) Phenol-d6	6.957	99	2290804	112.036	ng		0.00
23) Nitrobenzene-d5	8.922	82	1410595	73.178	ng		-0.01
42) 2,4,6-Tribromophenol	15.916	330	827968	84.130	ng		0.00
45) 2-Fluorobiphenyl	13.034	172	2815952	65.455	ng		0.00
79) Terphenyl-d14	19.757	244	3513493	52.270	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	258361	43.142	ng		99
3) Pyridine	3.693	79	709258	43.974	ng		99
4) n-Nitrosodimethylamine	3.605	42	306110	51.533	ng		99
6) Aniline	7.099	93	763074	32.744	ng		98
8) 2-Chlorophenol	7.340	128	825367	47.873	ng		97
9) Benzaldehyde	6.910	77	397013	40.698	ng		97
10) Phenol	6.981	94	1021132	49.779	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	767240	47.260	ng		99
12) 1,3-Dichlorobenzene	7.657	146	891397	45.809	ng		99
13) 1,4-Dichlorobenzene	7.799	146	907157	45.596	ng		99
14) 1,2-Dichlorobenzene	8.116	146	866934	45.083	ng		99
15) Benzyl Alcohol	8.016	79	684447	41.985	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	857170	48.708	ng		97
17) 2-Methylphenol	8.222	107	654101	46.272	ng		98
18) Hexachloroethane	8.840	117	312632	44.838	ng		95
19) n-Nitroso-di-n-propyla...	8.575	70	570769	44.133	ng		100
20) 3+4-Methylphenols	8.551	107	884541	45.508	ng		99
22) Acetophenone	8.593	105	1148893	45.315	ng	#	97
24) Nitrobenzene	8.963	77	860008	47.229	ng		98
25) Isophorone	9.493	82	1554962	47.292	ng		98
26) 2-Nitrophenol	9.675	139	423821	44.653	ng		95
27) 2,4-Dimethylphenol	9.751	122	727770	54.339	ng		99
28) bis(2-Chloroethoxy)met...	9.975	93	955292	44.622	ng		99
29) 2,4-Dichlorophenol	10.222	162	743290	45.498	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	822954	43.479	ng		99
31) Naphthalene	10.610	128	2395248	45.395	ng		100
32) Benzoic acid	9.928	122	497385	47.500	ng		93
33) 4-Chloroaniline	10.734	127	334498	15.536	ng		99
34) Hexachlorobutadiene	10.898	225	519567	40.513	ng		99
35) Caprolactam	11.522	113	216747	39.312	ng		98
36) 4-Chloro-3-methylphenol	11.875	107	739932	42.150	ng		98
37) 2-Methylnaphthalene	12.228	142	1648305	44.523	ng		99
38) 1-Methylnaphthalene	12.445	142	1562784	43.332	ng		100
40) 1,2,4,5-Tetrachloroben...	12.598	216	906184	45.795	ng		99
41) Hexachlorocyclopentadiene	12.581	237	626099	73.354	ng		100
43) 2,4,6-Trichlorophenol	12.845	196	589654	44.958	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	637589	44.766	ng	98
46) 1,1'-Biphenyl	13.245	154	2081553	46.785	ng	98
47) 2-Chloronaphthalene	13.281	162	1626216	46.426	ng	99
48) 2-Nitroaniline	13.492	65	440968	46.222	ng	99
49) Acenaphthylene	14.134	152	2855857	52.813	ng	100
50) Dimethylphthalate	13.875	163	1928667	42.679	ng	100
51) 2,6-Dinitrotoluene	13.992	165	426559	45.051	ng	99
52) Acenaphthene	14.475	154	1487795	46.059	ng	99
53) 3-Nitroaniline	14.328	138	299652	29.963	ng	93
54) 2,4-Dinitrophenol	14.545	184	378073	65.151	ng	97
55) Dibenzofuran	14.816	168	2390876	44.058	ng	100
56) 4-Nitrophenol	14.663	139	680377	91.268	ng	97
57) 2,4-Dinitrotoluene	14.786	165	568481	43.665	ng	99
58) Fluorene	15.469	166	1876679	43.972	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.051	232	525897	40.729	ng	93
60) Diethylphthalate	15.245	149	1853745	40.986	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	976073	41.517	ng	96
62) 4-Nitroaniline	15.492	138	394745	37.584	ng	97
63) Azobenzene	15.757	77	1758718	44.700	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	245976	32.979	ng	95
66) n-Nitrosodiphenylamine	15.681	169	1624455	47.325	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	610005	42.977	ng	96
68) Hexachlorobenzene	16.480	284	693502	42.454	ng	98
69) Atrazine	16.645	200	571114	47.323	ng	100
70) Pentachlorophenol	16.833	266	805399	92.233	ng	99
71) Phenanthrene	17.222	178	3061572	49.308	ng	100
72) Anthracene	17.310	178	2997800	48.901	ng	100
73) Carbazole	17.586	167	2608286	43.505	ng	100
74) Di-n-butylphthalate	18.151	149	3045247	43.345	ng	99
75) Fluoranthene	19.204	202	4203920	55.925	ng	98
77) Benzidine	19.386	184	1316514	44.518	ng	99
78) Pyrene	19.557	202	4240409	53.337	ng	100
80) Butylbenzylphthalate	20.439	149	1350444	39.964	ng	98
81) Benzo(a)anthracene	21.280	228	4427733	55.860	ng	98
82) 3,3'-Dichlorobenzidine	21.210	252	1167848	38.139	ng	99
83) Chrysene	21.327	228	4066669	54.181	ng	100
84) Bis(2-ethylhexyl)phtha...	21.210	149	1950631	41.414	ng	99
85) Di-n-octyl phthalate	22.133	149	3637184	44.801	ng	98
87) Indeno(1,2,3-cd)pyrene	26.192	276	5880566	51.465	ng	95
88) Benzo(b)fluoranthene	22.962	252	5533438	61.545	ng	99
89) Benzo(k)fluoranthene	23.010	252	4499366	51.112	ng	98
90) Benzo(a)pyrene	23.586	252	5081494	66.058	ng	98
91) Dibenzo(a,h)anthracene	26.198	278	4595385	48.256	ng	98
92) Benzo(g,h,i)perylene	26.951	276	5185520	55.352	ng	96

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

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