Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009654.D
Acq On : 01 Apr 2022 12:48
Operator : CG/JU
Sample : PB143765BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB143765BS

Quant Time: Apr 01 22:42:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	288807	20.000	ng		-0.01
21) Naphthalene-d8	10.522	136	1086796	20.000	ng		-0.01
39) Acenaphthene-d10	14.381	164	606615	20.000	ng		-0.01
64) Phenanthrene-d10	17.151	188	1088726	20.000	ng		0.00
76) Chrysene-d12	21.269	240	906016	20.000	ng		0.00
86) Perylene-d12	23.645	264	919279	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	2167812	131.051	ng		0.00
7) Phenol-d6	6.928	99	2625459	117.364	ng		0.00
23) Nitrobenzene-d5	8.893	82	1654970	80.922	ng		0.00
42) 2,4,6-Tribromophenol	15.887	330	1028484	102.744	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	3757107	85.861	ng		-0.01
79) Terphenyl-d14	19.727	244	4189279	82.993	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	222518	33.962	ng		97
3) Pyridine	3.658	79	623692	35.344	ng		99
4) n-Nitrosodimethylamine	3.570	42	290814	44.749	ng		100
6) Aniline	7.063	93	901834	35.372	ng		98
8) 2-Chlorophenol	7.305	128	791301	41.951	ng		98
9) Benzaldehyde	6.875	77	387368	35.388	ng		99
10) Phenol	6.952	94	955706	42.584	ng		98
11) bis(2-Chloroethyl)ether	7.163	93	743987	41.888	ng		98
12) 1,3-Dichlorobenzene	7.622	146	860194	40.405	ng		99
13) 1,4-Dichlorobenzene	7.763	146	876267	40.257	ng		100
14) 1,2-Dichlorobenzene	8.081	146	838764	39.868	ng		98
15) Benzyl Alcohol	7.981	79	661715	37.101	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.263	45	851135	44.207	ng		97
17) 2-Methylphenol	8.193	107	625399	40.438	ng		99
18) Hexachloroethane	8.805	117	314305	41.202	ng		95
19) n-Nitroso-di-n-propyla...	8.546	70	556352	39.320	ng		98
20) 3+4-Methylphenols	8.522	107	821451	38.628	ng		99
22) Acetophenone	8.557	105	1094779	40.700	ng	#	98
24) Nitrobenzene	8.934	77	829616	42.942	ng		97
25) Isophorone	9.463	82	1492755	42.791	ng		99
26) 2-Nitrophenol	9.646	139	406018	40.319	ng		98
27) 2,4-Dimethylphenol	9.716	122	673976	47.430	ng		99
28) bis(2-Chloroethoxy)met...	9.940	93	930496	40.966	ng		100
29) 2,4-Dichlorophenol	10.193	162	687980	39.692	ng		98
30) 1,2,4-Trichlorobenzene	10.393	180	820643	40.866	ng		99
31) Naphthalene	10.575	128	2243308	40.073	ng		100
32) Benzoic acid	9.916	122	411885	37.075	ng		95
33) 4-Chloroaniline	10.699	127	399523	17.489	ng		99
34) Hexachlorobutadiene	10.863	225	502631	36.940	ng		99
35) Caprolactam	11.493	113	184693	31.573	ng		97
36) 4-Chloro-3-methylphenol	11.846	107	655949	35.218	ng		99
37) 2-Methylnaphthalene	12.193	142	1501629	38.231	ng		99
38) 1-Methylnaphthalene	12.416	142	1438091	37.584	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	838192	41.645	ng		99
41) Hexachlorocyclopentadiene	12.546	237	496708	58.818	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	519616	38.950	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	531938	36.719	ng		99
46) 1,1'-Biphenyl	13.210	154	1998027	44.152	ng		99
47) 2-Chloronaphthalene	13.251	162	1563590	43.886	ng		99
48) 2-Nitroaniline	13.469	65	384255	39.598	ng		97
49) Acenaphthylene	14.104	152	2337375	42.497	ng		100
50) Dimethylphthalate	13.845	163	1675435	36.450	ng		100
51) 2,6-Dinitrotoluene	13.969	165	365381	37.939	ng		99
52) Acenaphthene	14.445	154	1310844	39.898	ng		99
53) 3-Nitroaniline	14.304	138	226405	22.257	ng		97
54) 2,4-Dinitrophenol	14.528	184	343316	58.651	ng		98
55) Dibenzofuran	14.787	168	2078156	37.650	ng		100
56) 4-Nitrophenol	14.645	139	493148	65.038	ng		97
57) 2,4-Dinitrotoluene	14.769	165	472102	35.651	ng		93
58) Fluorene	15.440	166	1606272	37.002	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	431506	32.856	ng		94
60) Diethylphthalate	15.216	149	1603878	34.864	ng		99
61) 4-Chlorophenyl-phenyle...	15.434	204	852820	35.663	ng		97
62) 4-Nitroaniline	15.475	138	329093	30.806	ng		98
63) Azobenzene	15.728	77	1586877	39.653	ng		98
65) 4,6-Dinitro-2-methylph...	15.545	198	243720	34.813	ng		98
66) n-Nitrosodiphenylamine	15.651	169	1474623	45.769	ng		99
67) 4-Bromophenyl-phenylether	16.334	248	586927	44.056	ng		94
68) Hexachlorobenzene	16.457	284	589256	38.431	ng		98
69) Atrazine	16.616	200	472404	41.704	ng		99
70) Pentachlorophenol	16.810	266	563912	68.802	ng		99
71) Phenanthrene	17.192	178	2344653	40.231	ng		100
72) Anthracene	17.281	178	2358737	40.992	ng		100
73) Carbazole	17.563	167	2050249	36.433	ng		100
74) Di-n-butylphthalate	18.122	149	2491283	37.779	ng		100
75) Fluoranthene	19.175	202	2525851	35.799	ng		99
77) Benzidine	19.363	184	929036	41.834	ng		99
78) Pyrene	19.528	202	2573917	43.112	ng		99
80) Butylbenzylphthalate	20.416	149	1020134	40.201	ng		94
81) Benzo(a)anthracene	21.251	228	2376952	39.932	ng		100
82) 3,3'-Dichlorobenzidine	21.186	252	682589	29.684	ng		99
83) Chrysene	21.304	228	2205484	39.129	ng		100
84) Bis(2-ethylhexyl)phtha...	21.186	149	1443519	40.811	ng		99
85) Di-n-octyl phthalate	22.098	149	2408936	39.512	ng		98
87) Indeno(1,2,3-cd)pyrene	26.127	276	2774318	39.779	ng		97
88) Benzo(b)fluoranthene	22.921	252	2302481	41.956	ng		99
89) Benzo(k)fluoranthene	22.968	252	2293722	42.689	ng		99
90) Benzo(a)pyrene	23.539	252	2283647	48.637	ng		98
91) Dibenzo(a,h)anthracene	26.139	278	2447072	42.099	ng		98
92) Benzo(g,h,i)perylene	26.880	276	2181020	38.142	ng	#	95

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

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