Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019760.D
Acq On : 19 Feb 2024 13:24
Operator : MA/JU
Sample : PB159072BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB159072BS

Quant Time: Feb 19 13:55:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	71614	20.000	ng		-0.02
21) Naphthalene-d8	10.699	136	273784	20.000	ng		-0.02
39) Acenaphthene-d10	14.534	164	184671	20.000	ng		-0.02
64) Phenanthrene-d10	17.292	188	436113	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	427285	20.000	ng		0.00
86) Perylene-d12	23.810	264	481707	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	604226	136.002	ng		-0.01
7) Phenol-d6	7.075	99	785634	131.147	ng		-0.01
23) Nitrobenzene-d5	9.069	82	530155	83.907	ng		-0.02
42) 2,4,6-Tribromophenol	16.034	330	459718	170.498	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1274357	85.308	ng		-0.02
79) Terphenyl-d14	19.857	244	2384604	91.779	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	59397	34.700	ng		98
3) Pyridine	3.781	79	156372	33.696	ng		98
4) n-Nitrosodimethylamine	3.699	42	88136	43.623	ng		96
6) Aniline	7.234	93	170399	29.274	ng		99
8) 2-Chlorophenol	7.464	128	217929	47.778	ng		98
9) Benzaldehyde	7.052	77	9398m	2.238	ng		
10) Phenol	7.099	94	274450	45.967	ng		96
11) bis(2-Chloroethyl)ether	7.334	93	202268	43.545	ng		98
12) 1,3-Dichlorobenzene	7.787	146	244498	43.807	ng		97
13) 1,4-Dichlorobenzene	7.934	146	249325	44.093	ng		98
14) 1,2-Dichlorobenzene	8.246	146	239931	43.854	ng		98
15) Benzyl Alcohol	8.152	79	222437m	46.472	ng		
16) 2,2'-oxybis(1-Chloropr...	8.422	45	198836m	42.806	ng		
17) 2-Methylphenol	8.352	107	185336	46.108	ng		98
18) Hexachloroethane	8.969	117	94160	42.961	ng		96
19) n-Nitroso-di-n-propyla...	8.716	70	173660	42.441	ng		99
20) 3+4-Methylphenols	8.681	107	252485	46.025	ng		97
22) Acetophenone	8.734	105	338050	43.342	ng	#	97
24) Nitrobenzene	9.116	77	262393	41.246	ng		99
25) Isophorone	9.640	82	472715	42.959	ng		100
26) 2-Nitrophenol	9.816	139	120637	49.734	ng		96
27) 2,4-Dimethylphenol	9.881	122	165467	53.348	ng		98
28) bis(2-Chloroethoxy)met...	10.128	93	269543	43.294	ng		99
29) 2,4-Dichlorophenol	10.352	162	229082	48.859	ng		98
30) 1,2,4-Trichlorobenzene	10.563	180	257100	44.722	ng		99
31) Naphthalene	10.752	128	649006	43.221	ng		99
32) Benzoic acid	10.040	122	159495	52.778	ng		97
33) 4-Chloroaniline	10.875	127	88845	15.999	ng		97
34) Hexachlorobutadiene	11.022	225	189473	44.476	ng		98
35) Caprolactam	11.681	113	68994	51.980	ng		96
36) 4-Chloro-3-methylphenol	11.999	107	249506	48.804	ng		99
37) 2-Methylnaphthalene	12.357	142	463124	44.567	ng		100
38) 1-Methylnaphthalene	12.581	142	442093	43.292	ng		100
40) 1,2,4,5-Tetrachloroben...	12.722	216	323640	45.442	ng		99
41) Hexachlorocyclopentadiene	12.693	237	391418	121.657	ng		100
43) 2,4,6-Trichlorophenol	12.975	196	211666	49.081	ng		98

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Operator : MA/JU
Sample : PB159072BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB159072BS

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	230344	48.641	ng	98
46) 1,1'-Biphenyl	13.375	154	632103	42.886	ng	99
47) 2-Chloronaphthalene	13.416	162	507545	41.949	ng	99
48) 2-Nitroaniline	13.628	65	157382	46.519	ng	99
49) Acenaphthylene	14.257	152	818883	48.241	ng	100
50) Dimethylphthalate	14.010	163	669803	47.379	ng	100
51) 2,6-Dinitrotoluene	14.134	165	146064	47.026	ng	93
52) Acenaphthene	14.598	154	460778	43.736	ng	99
53) 3-Nitroaniline	14.457	138	100691	35.275	ng	96
54) 2,4-Dinitrophenol	14.669	184	197345	122.371	ng	98
55) Dibenzofuran	14.940	168	798404	46.530	ng	98
56) 4-Nitrophenol	14.769	139	239910	102.543	ng	99
57) 2,4-Dinitrotoluene	14.922	165	210063	51.609	ng	97
58) Fluorene	15.587	166	644526	47.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	223292	56.058	ng	95
60) Diethylphthalate	15.369	149	664105	47.228	ng	99
61) 4-Chlorophenyl-phenyle...	15.587	204	368770	48.008	ng	93
62) 4-Nitroaniline	15.622	138	144078	48.155	ng	98
63) Azobenzene	15.881	77	604188	44.433	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	133021	53.492	ng	94
66) n-Nitrosodiphenylamine	15.804	169	566101	43.342	ng	100
67) 4-Bromophenyl-phenylether	16.487	248	248440	45.569	ng	94
68) Hexachlorobenzene	16.587	284	286943	45.070	ng	94
69) Atrazine	16.769	200	217883	50.272	ng	94
70) Pentachlorophenol	16.940	266	400382	100.985	ng	98
71) Phenanthrene	17.334	178	1049580	45.731	ng	99
72) Anthracene	17.428	178	1057991	46.210	ng	100
73) Carbazole	17.704	167	941299	45.257	ng	99
74) Di-n-butylphthalate	18.263	149	1134774	45.123	ng	100
75) Fluoranthene	19.304	202	1319438	47.060	ng	99
77) Benzidine	19.492	184	812946	91.004	ng	99
78) Pyrene	19.657	202	1342874	44.531	ng	99
80) Butylbenzylphthalate	20.545	149	513876	45.631	ng	96
81) Benzo(a)anthracene	21.375	228	1386017	46.081	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	492468	44.932	ng	99
83) Chrysene	21.428	228	1295151	45.355	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	729675	42.550	ng	98
85) Di-n-octyl phthalate	22.251	149	1263737	41.885	ng	99
87) Indeno(1,2,3-cd)pyrene	26.351	276	1741746	47.236	ng	98
88) Benzo(b)fluoranthene	23.069	252	1396637	46.003	ng	99
89) Benzo(k)fluoranthene	23.122	252	1382417	47.668	ng	99
90) Benzo(a)pyrene	23.704	252	1299100	48.091	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	1460391	48.156	ng	98
92) Benzo(g,h,i)perylene	27.127	276	1386807	45.075	ng	97

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

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