Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
Data File : BP016467.D
Acq On : 02 Aug 2023 14:07
Operator : MA/JU
Sample : PB154596BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB154596BS

Quant Time: Aug 02 21:43:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.075	152	414825	20.000	ng		-0.02
21) Naphthalene-d8	10.910	136	1765095	20.000	ng		-0.02
39) Acenaphthene-d10	14.727	164	1147288	20.000	ng		0.00
64) Phenanthrene-d10	17.492	188	2592120	20.000	ng		0.00
76) Chrysene-d12	21.592	240	2705683	20.000	ng		0.00
86) Perylene-d12	24.186	264	2874872	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	3165100	124.476	ng		-0.02
7) Phenol-d6	7.216	99	4145684	118.949	ng		-0.01
23) Nitrobenzene-d5	9.275	82	2533579	80.350	ng		-0.02
42) 2,4,6-Tribromophenol	16.221	330	2190901	129.806	ng		0.00
45) 2-Fluorobiphenyl	13.351	172	6216631	77.684	ng		-0.01
79) Terphenyl-d14	20.039	244	10905545	85.143	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	315834	31.848	ng		98
3) Pyridine	3.852	79	870469	29.365	ng		99
4) n-Nitrosodimethylamine	3.781	42	420725	37.643	ng		98
6) Aniline	7.404	93	1423413	33.065	ng		98
8) 2-Chlorophenol	7.628	128	1295449	48.591	ng		99
9) Benzaldehyde	7.222	77	578450	33.793	ng		98
10) Phenol	7.245	94	1541926	45.557	ng		99
11) bis(2-Chloroethyl)ether	7.504	93	1079127	39.223	ng		98
12) 1,3-Dichlorobenzene	7.957	146	1264141	44.169	ng		98
13) 1,4-Dichlorobenzene	8.110	146	1296723	44.665	ng		100
14) 1,2-Dichlorobenzene	8.422	146	1250790	44.746	ng		100
15) Benzyl Alcohol	8.328	79	1094269	45.957	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.604	45	1325301	42.475	ng		99
17) 2-Methylphenol	8.510	107	1102373	45.193	ng		100
18) Hexachloroethane	9.151	117	458092	44.236	ng		100
19) n-Nitroso-di-n-propyla...	8.892	70	908478	41.608	ng		99
20) 3+4-Methylphenols	8.845	107	1504936	45.428	ng		98
22) Acetophenone	8.922	105	1837807	41.238	ng	#	100
24) Nitrobenzene	9.316	77	1339945	41.374	ng		98
25) Isophorone	9.834	82	2533367	39.795	ng		99
26) 2-Nitrophenol	10.022	139	635158	45.666	ng		98
27) 2,4-Dimethylphenol	10.057	122	1229768	43.180	ng		98
28) bis(2-Chloroethoxy)met...	10.316	93	1611198	41.319	ng		100
29) 2,4-Dichlorophenol	10.539	162	1274279	47.809	ng		99
30) 1,2,4-Trichlorobenzene	10.757	180	1240314	42.963	ng		100
31) Naphthalene	10.963	128	3764920	40.778	ng		100
32) Benzoic acid	10.186	122	876995	47.074	ng		98
33) 4-Chloroaniline	11.086	127	977565	23.473	ng		99
34) Hexachlorobutadiene	11.198	225	721759	42.228	ng		99
35) Caprolactam	11.904	113	433819	44.543	ng		98
36) 4-Chloro-3-methylphenol	12.175	107	1347661	45.487	ng		99
37) 2-Methylnaphthalene	12.557	142	2673791	39.864	ng		99
38) 1-Methylnaphthalene	12.775	142	2553384	40.606	ng		100
40) 1,2,4,5-Tetrachloroben...	12.904	216	1446762	41.496	ng		100
41) Hexachlorocyclopentadiene	12.863	237	1820336	103.956	ng		100
43) 2,4,6-Trichlorophenol	13.151	196	1039466	46.465	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	1151026	42.409	ng	99
46) 1,1'-Biphenyl	13.563	154	3550605	40.599	ng	99
47) 2-Chloronaphthalene	13.610	162	2757586	41.794	ng	99
48) 2-Nitroaniline	13.833	65	807943	43.441	ng	97
49) Acenaphthylene	14.457	152	4604739	42.062	ng	99
50) Dimethylphthalate	14.186	163	3631695	40.621	ng	100
51) 2,6-Dinitrotoluene	14.322	165	794222	43.363	ng	97
52) Acenaphthene	14.792	154	2627660	40.364	ng	100
53) 3-Nitroaniline	14.657	138	677846	32.735	ng	96
54) 2,4-Dinitrophenol	14.857	184	951141	107.905	ng	95
55) Dibenzofuran	15.127	168	4326946	40.527	ng	99
56) 4-Nitrophenol	14.939	139	1582086	97.605	ng	99
57) 2,4-Dinitrotoluene	15.104	165	1109603	46.485	ng	99
58) Fluorene	15.774	166	3447564	41.102	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.339	232	1048793	46.975	ng	99
60) Diethylphthalate	15.539	149	3628167	40.836	ng	100
61) 4-Chlorophenyl-phenyle...	15.769	204	1738762	41.079	ng	98
62) 4-Nitroaniline	15.827	138	894308	43.519	ng	99
63) Azobenzene	16.063	77	3314013	39.503	ng	98
65) 4,6-Dinitro-2-methylph...	15.851	198	611778	50.089	ng	99
66) n-Nitrosodiphenylamine	15.992	169	3140982	41.117	ng	100
67) 4-Bromophenyl-phenylether	16.668	248	1149604	41.884	ng	99
68) Hexachlorobenzene	16.751	284	1393789	45.536	ng	98
69) Atrazine	16.945	200	1205221	53.049	ng	100
70) Pentachlorophenol	17.110	266	1687648	79.675	ng	99
71) Phenanthrene	17.533	178	5740359	41.706	ng	99
72) Anthracene	17.627	178	5776269	41.735	ng	100
73) Carbazole	17.904	167	5556444	42.821	ng	100
74) Di-n-butylphthalate	18.421	149	6543813	43.590	ng	99
75) Fluoranthene	19.492	202	7029125	43.571	ng	99
77) Benzidine	19.692	184	4077482	86.921	ng	99
78) Pyrene	19.851	202	7322556	40.372	ng	99
80) Butylbenzylphthalate	20.709	149	3113346	43.693	ng	100
81) Benzo(a)anthracene	21.574	228	7658279	42.185	ng	100
82) 3,3'-Dichlorobenzidine	21.504	252	2064624	34.645	ng	99
83) Chrysene	21.627	228	7087410	40.884	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	4620822	43.194	ng	99
85) Di-n-octyl phthalate	22.451	149	7952748	44.201	ng	99
87) Indeno(1,2,3-cd)pyrene	26.956	276	6964019	35.930	ng	99
88) Benzo(b)fluoranthene	23.380	252	7723592	46.347	ng	100
89) Benzo(k)fluoranthene	23.433	252	7485189	44.165	ng	100
90) Benzo(a)pyrene	24.068	252	6535339	40.488	ng	100
91) Dibenzo(a,h)anthracene	26.991	278	5885533	36.412	ng	99
92) Benzo(g,h,i)perylene	27.821	276	5274215	33.861	ng	99

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

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