Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
Data File : BP016494.D
Acq On : 03 Aug 2023 16:15
Operator : MA/JU
Sample : PB154350BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB154350BSD

Quant Time: Aug 03 18:35:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 18:07:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	430382	20.000	ng		0.00
21) Naphthalene-d8	10.904	136	1599921	20.000	ng		0.00
39) Acenaphthene-d10	14.722	164	823742	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	1553479	20.000	ng		0.00
76) Chrysene-d12	21.580	240	1251848	20.000	ng	#	0.00
86) Perylene-d12	24.174	264	1398142	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	4053528	153.654	ng		0.00
7) Phenol-d6	7.216	99	4890115	135.237	ng		0.00
23) Nitrobenzene-d5	9.269	82	2946360	103.088	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	1445620	119.291	ng		0.00
45) 2-Fluorobiphenyl	13.345	172	5816676	101.236	ng		0.00
79) Terphenyl-d14	20.033	244	6850619	115.600	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	495418	48.150	ng		99
3) Pyridine	3.858	79	1311270	42.636	ng		99
4) n-Nitrosodimethylamine	3.787	42	557033	48.037	ng		92
6) Aniline	7.405	93	1748422	39.147	ng		99
8) 2-Chlorophenol	7.622	128	1434567	51.864	ng		96
9) Benzaldehyde	7.222	77	765783	48.188	ng		97
10) Phenol	7.240	94	1771631	50.452	ng		99
11) bis(2-Chloroethyl)ether	7.505	93	1423167	49.858	ng		99
12) 1,3-Dichlorobenzene	7.952	146	1589735	53.537	ng		99
13) 1,4-Dichlorobenzene	8.110	146	1611678	53.506	ng		100
14) 1,2-Dichlorobenzene	8.422	146	1530426	52.771	ng		99
15) Benzyl Alcohol	8.322	79	1164061	47.121	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.605	45	1637803	50.593	ng		99
17) 2-Methylphenol	8.510	107	1151064	45.483	ng		99
18) Hexachloroethane	9.146	117	587496	54.681	ng		94
19) n-Nitroso-di-n-propyla...	8.893	70	968797	42.767	ng		98
20) 3+4-Methylphenols	8.840	107	1519830	44.219	ng		99
22) Acetophenone	8.922	105	2027395	50.189	ng	#	99
24) Nitrobenzene	9.310	77	1501810	51.159	ng		97
25) Isophorone	9.828	82	2640452	45.759	ng		99
26) 2-Nitrophenol	10.016	139	678292	53.245	ng		96
27) 2,4-Dimethylphenol	10.051	122	1270723	49.224	ng		99
28) bis(2-Chloroethoxy)met...	10.316	93	1731403	48.985	ng		100
29) 2,4-Dichlorophenol	10.540	162	1185774	49.081	ng		98
30) 1,2,4-Trichlorobenzene	10.751	180	1339523	51.190	ng		99
31) Naphthalene	10.957	128	4102269	49.019	ng		100
32) Benzoic acid	10.181	122	739812	44.246	ng		98
33) 4-Chloroaniline	11.081	127	926133	24.534	ng		99
34) Hexachlorobutadiene	11.193	225	767248	49.524	ng		99
35) Caprolactam	11.898	113	356025	40.329	ng		99
36) 4-Chloro-3-methylphenol	12.169	107	1212626	45.155	ng		99
37) 2-Methylnaphthalene	12.551	142	2676723	44.028	ng		98
38) 1-Methylnaphthalene	12.775	142	2488254	43.655	ng		100
40) 1,2,4,5-Tetrachloroben...	12.898	216	1323960	52.889	ng		99
41) Hexachlorocyclopentadiene	12.857	237	1805931	143.642	ng		100
43) 2,4,6-Trichlorophenol	13.145	196	859585	53.517	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	925089	47.472	ng		97
46) 1,1'-Biphenyl	13.557	154	3261740	51.945	ng		99
47) 2-Chloronaphthalene	13.604	162	2551777	53.866	ng		99
48) 2-Nitroaniline	13.828	65	690650	51.721	ng		99
49) Acenaphthylene	14.451	152	3912698	49.779	ng		99
50) Dimethylphthalate	14.181	163	2918232	45.462	ng		99
51) 2,6-Dinitrotoluene	14.316	165	645368	49.076	ng		94
52) Acenaphthene	14.787	154	2337555	50.011	ng		100
53) 3-Nitroaniline	14.651	138	543604	36.564	ng		95
54) 2,4-Dinitrophenol	14.851	184	631451	100.377	ng		99
55) Dibenzofuran	15.122	168	3625089	47.289	ng		99
56) 4-Nitrophenol	14.934	139	1227189	105.447	ng		97
57) 2,4-Dinitrotoluene	15.098	165	838758	48.940	ng		98
58) Fluorene	15.769	166	2770355	46.001	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.334	232	749191	46.736	ng		93
60) Diethylphthalate	15.534	149	2794987	43.814	ng		99
61) 4-Chlorophenyl-phenyle...	15.763	204	1365080	44.918	ng		97
62) 4-Nitroaniline	15.822	138	631825	42.823	ng		97
63) Azobenzene	16.057	77	2812957	46.700	ng		97
65) 4,6-Dinitro-2-methylph...	15.845	198	411512	55.447	ng		96
66) n-Nitrosodiphenylamine	15.986	169	2418313	52.822	ng		100
67) 4-Bromophenyl-phenylether	16.663	248	821953	49.969	ng		94
68) Hexachlorobenzene	16.745	284	935753	51.011	ng		95
69) Atrazine	16.933	200	814878	59.849	ng		99
70) Pentachlorophenol	17.110	266	1182291	93.135	ng		95
71) Phenanthrene	17.528	178	4161804	50.453	ng		99
72) Anthracene	17.622	178	4185472	50.460	ng		100
73) Carbazole	17.898	167	3871029	49.778	ng		99
74) Di-n-butylphthalate	18.416	149	4492074	49.929	ng		100
75) Fluoranthene	19.486	202	4507412	46.620	ng		98
77) Benzidine	19.686	184	2061976	95.004	ng		99
78) Pyrene	19.845	202	4632278	55.200	ng		100
80) Butylbenzylphthalate	20.704	149	1882248	57.094	ng		96
81) Benzo(a)anthracene	21.563	228	4274137	50.887	ng		99
82) 3,3'-Dichlorobenzidine	21.498	252	1226812	44.495	ng	#	99
83) Chrysene	21.621	228	3986198	49.699	ng		100
84) Bis(2-ethylhexyl)phtha...	21.451	149	2693046	54.409	ng		100
85) Di-n-octyl phthalate	22.439	149	4538198	54.516	ng		99
87) Indeno(1,2,3-cd)pyrene	26.939	276	5399780	57.286	ng		96
88) Benzo(b)fluoranthene	23.368	252	4324631	53.361	ng		98
89) Benzo(k)fluoranthene	23.421	252	4370686	53.026	ng		98
90) Benzo(a)pyrene	24.057	252	3889849	49.551	ng		99
91) Dibenzo(a,h)anthracene	26.974	278	4503435	57.290	ng		97
92) Benzo(g,h,i)perylene	27.809	276	4482684	59.176	ng		98

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

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