Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090722\
Data File : BP011641.D
Acq On : 07 Sep 2022 11:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 08 04:01:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 03 04:07:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	546320	20.000	ng		0.00
21) Naphthalene-d8	10.787	136	2124076	20.000	ng	#	0.00
39) Acenaphthene-d10	14.610	164	1222457	20.000	ng		0.00
64) Phenanthrene-d10	17.369	188	2391753	20.000	ng		0.00
76) Chrysene-d12	21.451	240	2166642	20.000	ng		0.00
86) Perylene-d12	23.921	264	2177180	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	2578921	83.487	ng		0.00
7) Phenol-d6	7.128	99	3404712	83.298	ng		0.00
23) Nitrobenzene-d5	9.140	82	2942819	85.045	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	980989	71.025	ng		0.00
45) 2-Fluorobiphenyl	13.240	172	6472360	75.712	ng		0.00
79) Terphenyl-d14	19.922	244	8384419	81.052	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	519241	42.711	ng	#	79
3) Pyridine	3.805	79	1482978	44.798	ng	#	75
4) n-Nitrosodimethylamine	3.717	42	559262	40.452	ng	#	39
6) Aniline	7.293	93	1966655	41.883	ng		89
8) 2-Chlorophenol	7.534	128	1446142	40.943	ng		90
9) Benzaldehyde	7.105	77	956534	39.865	ng		90
10) Phenol	7.152	94	1786473	41.795	ng		82
11) bis(2-Chloroethyl)ether	7.393	93	1365351	40.643	ng		90
12) 1,3-Dichlorobenzene	7.858	146	1572510	38.919	ng	#	93
13) 1,4-Dichlorobenzene	8.011	146	1615046	39.210	ng		97
14) 1,2-Dichlorobenzene	8.328	146	1530089	39.109	ng		96
15) Benzyl Alcohol	8.211	79	1170172	42.806	ng	#	90
16) 2,2'-oxybis(1-Chloropr...	8.505	45	1670955	38.591	ng		91
17) 2-Methylphenol	8.411	107	1171756	41.474	ng	#	92
18) Hexachloroethane	9.063	117	567352	40.908	ng		96
19) n-Nitroso-di-n-propyla...	8.787	70	1003199	42.146	ng	#	80
20) 3+4-Methylphenols	8.740	107	1593526	41.617	ng		93
22) Acetophenone	8.799	105	2066077	40.242	ng	#	86
24) Nitrobenzene	9.181	77	1507679	42.193	ng	#	88
25) Isophorone	9.710	82	2609014	41.820	ng	#	94
26) 2-Nitrophenol	9.893	139	653678	42.335	ng	#	80
27) 2,4-Dimethylphenol	9.952	122	1112435	41.124	ng		90
28) bis(2-Chloroethoxy)met...	10.193	93	1577055	40.411	ng		98
29) 2,4-Dichlorophenol	10.428	162	1264237	40.079	ng		96
30) 1,2,4-Trichlorobenzene	10.646	180	1355545	36.623	ng		99
31) Naphthalene	10.840	128	4445250	39.135	ng		99
32) Benzoic acid	10.081	122	818455	45.161	ng		87
33) 4-Chloroaniline	10.946	127	1788411	39.911	ng	#	91
34) Hexachlorobutadiene	11.128	225	769361	34.934	ng		98
35) Caprolactam	11.728	113	391120	43.034	ng	#	65
36) 4-Chloro-3-methylphenol	12.063	107	1304122	41.959	ng		90
37) 2-Methylnaphthalene	12.446	142	2994017	38.718	ng		96
38) 1-Methylnaphthalene	12.663	142	2919915	38.766	ng		98
40) 1,2,4,5-Tetrachloroben...	12.804	216	1376656	35.855	ng		98
41) Hexachlorocyclopentadiene	12.793	237	698738	38.495	ng		100
43) 2,4,6-Trichlorophenol	13.046	196	941606	40.980	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	1039971	39.649	ng		98
46) 1,1'-Biphenyl	13.451	154	3665103	39.033	ng		99
47) 2-Chloronaphthalene	13.493	162	2824601	38.699	ng		99
48) 2-Nitroaniline	13.693	65	807826	43.133	ng	#	77
49) Acenaphthylene	14.334	152	4515328	40.321	ng		99
50) Dimethylphthalate	14.075	163	3462660	38.907	ng		100
51) 2,6-Dinitrotoluene	14.187	165	734888	42.721	ng	#	82
52) Acenaphthene	14.675	154	2897566	39.967	ng		95
53) 3-Nitroaniline	14.516	138	856833	44.911	ng		86
54) 2,4-Dinitrophenol	14.716	184	309913	46.661	ng	#	85
55) Dibenzofuran	15.010	168	4184147	38.304	ng		98
56) 4-Nitrophenol	14.810	139	694861	45.278	ng	#	71
57) 2,4-Dinitrotoluene	14.969	165	968870	39.982	ng	#	85
58) Fluorene	15.663	166	3457438	38.654	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.234	232	867855	39.205	ng		97
60) Diethylphthalate	15.440	149	3508580	40.543	ng		100
61) 4-Chlorophenyl-phenyle...	15.657	204	1614067	36.600	ng		95
62) 4-Nitroaniline	15.681	138	888526	41.891	ng	#	78
63) Azobenzene	15.951	77	3272855	42.538	ng		88
65) 4,6-Dinitro-2-methylph...	15.734	198	447947	43.797	ng		86
66) n-Nitrosodiphenylamine	15.869	169	2912777	40.037	ng		97
67) 4-Bromophenyl-phenylether	16.557	248	950760	36.576	ng		97
68) Hexachlorobenzene	16.669	284	1067614	34.805	ng		96
69) Atrazine	16.828	200	883824	40.867	ng		97
70) Pentachlorophenol	17.010	266	667779	40.046	ng		99
71) Phenanthrene	17.410	178	5232560	39.208	ng		98
72) Anthracene	17.504	178	5074593	40.138	ng		99
73) Carbazole	17.769	167	4774223	40.816	ng		99
74) Di-n-butylphthalate	18.322	149	5888758	44.597	ng		99
75) Fluoranthene	19.369	202	5784605	39.318	ng		96
77) Benzidine	19.545	184	2138971	51.649	ng		98
78) Pyrene	19.722	202	5972568	41.472	ng		98
80) Butylbenzylphthalate	20.598	149	2607551	45.460	ng		89
81) Benzo(a)anthracene	21.433	228	5714083	40.176	ng		96
82) 3,3'-Dichlorobenzidine	21.363	252	2047735	44.136	ng		99
83) Chrysene	21.486	228	5422639	40.295	ng		97
84) Bis(2-ethylhexyl)phtha...	21.357	149	3800502	44.946	ng		98
85) Di-n-octyl phthalate	22.310	149	6371782	48.852	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.521	276	6590496	39.782	ng	#	94
88) Benzo(b)fluoranthene	23.169	252	5540769	40.566	ng	#	98
89) Benzo(k)fluoranthene	23.216	252	5432233	38.553	ng	#	97
90) Benzo(a)pyrene	23.816	252	4570442	40.498	ng	#	98
91) Dibenzo(a,h)anthracene	26.539	278	5502668	39.594	ng	#	96
92) Benzo(g,h,i)perylene	27.315	276	5227637	39.126	ng	#	93

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

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