Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040423\
Data File : BM039294.D
Acq On : 04 Apr 2023 12:31
Operator : CG/JU
Sample : PB151768BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB151768BS

Quant Time: Apr 04 17:38:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 17:03:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	377115	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1493628	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	828913	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1533816	20.000	ng	0.00
76) Chrysene-d12	21.498	240	1037412	20.000	ng	0.00
86) Perylene-d12	23.903	264	914065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2715003	108.466	ng	0.00
7) Phenol-d6	7.093	99	3380284	104.409	ng	0.00
23) Nitrobenzene-d5	9.087	82	2115625	68.842	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1010336	96.019	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	4178913	68.307	ng	0.00
79) Terphenyl-d14	19.933	244	4393242	78.240	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	388586	37.980	ng	99
3) Pyridine	3.752	79	990814	34.569	ng	98
4) n-Nitrosodimethylamine	3.663	42	473340	42.049	ng	100
6) Aniline	7.246	93	1480128	36.938	ng	100
8) 2-Chlorophenol	7.481	128	1159791	45.270	ng	98
9) Benzaldehyde	7.051	77	700546	37.996	ng	99
10) Phenol	7.116	94	1464777	45.147	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	1124082	43.066	ng	99
12) 1,3-Dichlorobenzene	7.798	146	1195726	44.010	ng	99
13) 1,4-Dichlorobenzene	7.951	146	1211332	44.092	ng	99
14) 1,2-Dichlorobenzene	8.269	146	1181686	44.983	ng	99
15) Benzyl Alcohol	8.163	79	995336	44.698	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.445	45	1525068	45.681	ng	99
17) 2-Methylphenol	8.369	107	980079	43.176	ng	98
18) Hexachloroethane	8.992	117	479317	45.104	ng	99
19) n-Nitroso-di-n-propyla...	8.734	70	879893	42.516	ng	99
20) 3+4-Methylphenols	8.698	107	1312262	43.021	ng	97
22) Acetophenone	8.745	105	1741114	43.598	ng	99
24) Nitrobenzene	9.128	77	1304917	42.690	ng	100
25) Isophorone	9.657	82	2358597	41.140	ng	100
26) 2-Nitrophenol	9.839	139	623410	44.119	ng	97
27) 2,4-Dimethylphenol	9.904	122	1050628	44.751	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	1473636	42.461	ng	100
29) 2,4-Dichlorophenol	10.375	162	1027707	44.865	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	1069906	43.659	ng	100
31) Naphthalene	10.775	128	3365542	41.817	ng	99
32) Benzoic acid	10.081	122	785813	42.944	ng	97
33) 4-Chloroaniline	10.892	127	669148	18.978	ng	99
34) Hexachlorobutadiene	11.057	225	617030	42.820	ng	99
35) Caprolactam	11.698	113	310774	39.074	ng	95
36) 4-Chloro-3-methylphenol	12.022	107	1045795	41.380	ng	97
37) 2-Methylnaphthalene	12.386	142	2167122	38.680	ng	99
38) 1-Methylnaphthalene	12.604	142	2034621	38.783	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	1122696	44.485	ng	99
41) Hexachlorocyclopentadiene	12.728	237	1492929	108.281	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	755139	43.874	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	804328	39.863	ng	98
46) 1,1'-Biphenyl	13.398	154	2849600	43.534	ng	100
47) 2-Chloronaphthalene	13.439	162	2167054	43.724	ng	99
48) 2-Nitroaniline	13.651	65	687000	41.190	ng	99
49) Acenaphthylene	14.286	152	3368970	41.358	ng	99
50) Dimethylphthalate	14.027	163	2501555	39.159	ng	99
51) 2,6-Dinitrotoluene	14.145	165	558652	40.666	ng	97
52) Acenaphthene	14.627	154	1981071	41.187	ng	100
53) 3-Nitroaniline	14.474	138	380937	23.987	ng	97
54) 2,4-Dinitrophenol	14.686	184	679569	83.531	ng	99
55) Dibenzofuran	14.963	168	3093958	39.954	ng	99
56) 4-Nitrophenol	14.792	139	990781	80.904	ng	96
57) 2,4-Dinitrotoluene	14.933	165	751200	40.423	ng	96
58) Fluorene	15.610	166	2439540	39.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	656933	40.926	ng	100
60) Diethylphthalate	15.386	149	2471432	38.437	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	1204685	39.641	ng	99
62) 4-Nitroaniline	15.639	138	579978	35.588	ng	98
63) Azobenzene	15.898	77	2612049	40.547	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	422266	41.847	ng	98
66) n-Nitrosodiphenylamine	15.821	169	2093161	43.307	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	702209	42.869	ng	99
68) Hexachlorobenzene	16.616	284	793273	44.664	ng	99
69) Atrazine	16.774	200	669272	43.720	ng	98
70) Pentachlorophenol	16.963	266	998534	78.362	ng	99
71) Phenanthrene	17.351	178	3466729	41.268	ng	100
72) Anthracene	17.445	178	3574765	41.733	ng	99
73) Carbazole	17.715	167	3236762	40.439	ng	100
74) Di-n-butylphthalate	18.274	149	3903542	39.426	ng	100
75) Fluoranthene	19.368	202	3445368	35.980	ng	100
77) Benzidine	19.556	184	1776680	64.930	ng	100
78) Pyrene	19.733	202	3556320	48.154	ng	100
80) Butylbenzylphthalate	20.627	149	1483599	43.849	ng	98
81) Benzo(a)anthracene	21.480	228	3002280	41.034	ng	100
82) 3,3'-Dichlorobenzidine	21.415	252	803391	32.962	ng	99
83) Chrysene	21.533	228	2803803	39.697	ng	99
84) Bis(2-ethylhexyl)phtha...	21.398	149	2042354	40.872	ng	100
85) Di-n-octyl phthalate	22.327	149	3166848	35.176	ng	99
87) Indeno(1,2,3-cd)pyrene	26.409	276	2572917	38.203	ng	99
88) Benzo(b)fluoranthene	23.168	252	2515836	44.982	ng	100
89) Benzo(k)fluoranthene	23.221	252	2579434	45.277	ng	99
90) Benzo(a)pyrene	23.797	252	2181021	39.696	ng	99
91) Dibenzo(a,h)anthracene	26.427	278	2150881	38.034	ng	99
92) Benzo(g,h,i)perylene	27.180	276	2089280	37.567	ng	99

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

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