Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
Data File : BM044047.D
Acq On : 09 Feb 2024 20:19
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 09 22:58:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	484814	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	2018789	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1121571	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	2101339	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1621850	20.000	ng	0.00
86) Perylene-d12	23.897	264	1859389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2570673	77.120	ng	0.00
7) Phenol-d6	7.075	99	3353327	79.066	ng	0.00
23) Nitrobenzene-d5	9.081	82	3059386	80.416	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	955206	78.660	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	6188525	77.873	ng	0.00
79) Terphenyl-d14	19.945	244	7216577	78.003	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	492245	37.210	ng	99
3) Pyridine	3.781	79	1345340m	38.520	ng	
4) n-Nitrosodimethylamine	3.704	42	542557	40.943	ng	98
6) Aniline	7.240	93	1665493	39.939	ng	98
8) 2-Chlorophenol	7.469	128	1351782	38.834	ng	100
9) Benzaldehyde	7.057	77	853351	39.153	ng	99
10) Phenol	7.104	94	1706005	39.857	ng	99
11) bis(2-Chloroethyl)ether	7.345	93	1423282	40.154	ng	98
12) 1,3-Dichlorobenzene	7.792	146	1532931	38.787	ng	99
13) 1,4-Dichlorobenzene	7.945	146	1548341	38.866	ng	99
14) 1,2-Dichlorobenzene	8.257	146	1463738	38.561	ng	100
15) Benzyl Alcohol	8.157	79	1106504	40.069	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1761590m	39.204	ng	
17) 2-Methylphenol	8.351	107	1112750	39.603	ng	98
18) Hexachloroethane	8.981	117	584691	39.199	ng	98
19) n-Nitroso-di-n-propyla...	8.728	70	1036227	39.789	ng	99
20) 3+4-Methylphenols	8.686	107	1540340	39.831	ng	98
22) Acetophenone	8.739	105	2028588	39.588	ng	100
24) Nitrobenzene	9.122	77	1557476	39.977	ng	99
25) Isophorone	9.645	82	2918070	39.833	ng	99
26) 2-Nitrophenol	9.828	139	729503	40.387	ng	100
27) 2,4-Dimethylphenol	9.886	122	909872	39.395	ng	97
28) bis(2-Chloroethoxy)met...	10.139	93	1856451	39.184	ng	99
29) 2,4-Dichlorophenol	10.357	162	1205562	39.646	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	1345379	39.347	ng	99
31) Naphthalene	10.763	128	4338371	38.937	ng	99
32) Benzoic acid	10.039	122	877358	37.711	ng	99
33) 4-Chloroaniline	10.880	127	1642806	38.938	ng	99
34) Hexachlorobutadiene	11.033	225	770122	39.349	ng	99
35) Caprolactam	11.675	113	377009	38.529	ng	98
36) 4-Chloro-3-methylphenol	12.004	107	1303222	39.579	ng	100
37) 2-Methylnaphthalene	12.374	142	2869985	38.670	ng	97
38) 1-Methylnaphthalene	12.592	142	2827058	38.765	ng	100
40) 1,2,4,5-Tetrachloroben...	12.733	216	1295899	39.751	ng	100
41) Hexachlorocyclopentadiene	12.710	237	568911	39.988	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	891684	40.191	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	979961	40.249	ng	98
46) 1,1'-Biphenyl	13.386	154	3490408	39.439	ng	99
47) 2-Chloronaphthalene	13.427	162	2779179	39.643	ng	99
48) 2-Nitroaniline	13.639	65	815036	41.326	ng	94
49) Acenaphthylene	14.274	152	4131907	39.506	ng	100
50) Dimethylphthalate	14.027	163	3200163	38.483	ng	99
51) 2,6-Dinitrotoluene	14.145	165	724889	39.510	ng	98
52) Acenaphthene	14.616	154	2524567	39.001	ng	100
53) 3-Nitroaniline	14.468	138	785149	39.820	ng	97
54) 2,4-Dinitrophenol	14.674	184	373597	37.138	ng	98
55) Dibenzofuran	14.951	168	3870877	38.636	ng	98
56) 4-Nitrophenol	14.768	139	626670	39.097	ng	95
57) 2,4-Dinitrotoluene	14.927	165	957026	39.910	ng	99
58) Fluorene	15.604	166	2932442	37.878	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	741134	38.793	ng	98
60) Diethylphthalate	15.392	149	3261297	37.948	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	1435446	38.266	ng	99
62) 4-Nitroaniline	15.633	138	784779	39.540	ng	99
63) Azobenzene	15.898	77	3183253	39.479	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	509245	40.669	ng	98
66) n-Nitrosodiphenylamine	15.821	169	2547473	39.903	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	809297	38.954	ng	99
68) Hexachlorobenzene	16.598	284	999030	39.255	ng	99
69) Atrazine	16.780	200	699001	40.436	ng	99
70) Pentachlorophenol	16.945	266	676335	40.852	ng	99
71) Phenanthrene	17.345	178	4327186	38.996	ng	99
72) Anthracene	17.439	178	4320646	39.331	ng	99
73) Carbazole	17.715	167	4184530	39.168	ng	99
74) Di-n-butylphthalate	18.292	149	5411236	38.967	ng	100
75) Fluoranthene	19.368	202	4792511	38.449	ng	99
77) Benzidine	19.562	184	1187314	47.108	ng	99
78) Pyrene	19.727	202	4957718	39.691	ng	99
80) Butylbenzylphthalate	20.650	149	2220251	39.988	ng	99
81) Benzo(a)anthracene	21.492	228	4406996	39.064	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1464668	39.569	ng	99
83) Chrysene	21.544	228	4179189	39.210	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	3210236	39.187	ng	100
85) Di-n-octyl phthalate	22.374	149	5575197	38.968	ng	100
87) Indeno(1,2,3-cd)pyrene	26.391	276	5137573	39.039	ng	100
88) Benzo(b)fluoranthene	23.174	252	4586070	39.456	ng	100
89) Benzo(k)fluoranthene	23.221	252	4355540	39.436	ng	100
90) Benzo(a)pyrene	23.791	252	4011646	39.514	ng	100
91) Dibenzo(a,h)anthracene	26.415	278	4306873	39.125	ng	100
92) Benzo(g,h,i)perylene	27.156	276	4338135	38.858	ng	100

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

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