Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037499.D
Acq On : 14 Nov 2022 11:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Nov 15 00:00:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 01:42:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	280703	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	1192157	20.000	ng	-0.01
39) Acenaphthene-d10	14.439	164	756329	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1550533	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1707048	20.000	ng	0.00
86) Perylene-d12	23.709	264	1586961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1120628	75.391	ng	0.00
7) Phenol-d6	6.975	99	1616052	75.565	ng	0.00
23) Nitrobenzene-d5	8.969	82	1781344	77.649	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	822491	78.648	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4301255	79.037	ng	0.00
79) Terphenyl-d14	19.815	244	7064870	82.655	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	228557	37.206	ng	98
3) Pyridine	3.658	79	692987	36.604	ng	99
4) n-Nitrosodimethylamine	3.569	42	308314	35.646	ng	100
6) Aniline	7.128	93	986870	36.470	ng	98
8) 2-Chlorophenol	7.357	128	760782	37.952	ng	98
9) Benzaldehyde	6.940	77	432233	36.783	ng	98
10) Phenol	7.004	94	884590	36.315	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	722317	36.626	ng	100
12) 1,3-Dichlorobenzene	7.675	146	815831	37.963	ng	99
13) 1,4-Dichlorobenzene	7.828	146	841134	37.871	ng	99
14) 1,2-Dichlorobenzene	8.145	146	819875	37.511	ng	99
15) Benzyl Alcohol	8.051	79	607758	36.798	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1036669	36.111	ng	98
17) 2-Methylphenol	8.251	107	634985	36.727	ng	100
18) Hexachloroethane	8.863	117	319689	38.422	ng	98
19) n-Nitroso-di-n-propyla...	8.616	70	622048	36.835	ng	99
20) 3+4-Methylphenols	8.581	107	883650	36.413	ng	98
22) Acetophenone	8.628	105	1164549	37.772	ng	99
24) Nitrobenzene	9.010	77	885019	37.400	ng	98
25) Isophorone	9.534	82	1553996	36.717	ng	100
26) 2-Nitrophenol	9.716	139	422350	38.264	ng	100
27) 2,4-Dimethylphenol	9.781	122	604294	38.111	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	916189	37.535	ng	99
29) 2,4-Dichlorophenol	10.251	162	723733	37.968	ng	99
30) 1,2,4-Trichlorobenzene	10.457	180	778749	37.603	ng	99
31) Naphthalene	10.645	128	2520692	37.320	ng	99
32) Benzoic acid	9.957	122	522273	34.924	ng	99
33) 4-Chloroaniline	10.769	127	1020284	37.399	ng	100
34) Hexachlorobutadiene	10.916	225	466479	38.665	ng	98
35) Caprolactam	11.592	113	241621	36.164	ng	98
36) 4-Chloro-3-methylphenol	11.904	107	755374	36.496	ng	99
37) 2-Methylnaphthalene	12.257	142	1786642	37.588	ng	99
38) 1-Methylnaphthalene	12.480	142	1764271	37.341	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	858738	39.077	ng	100
41) Hexachlorocyclopentadiene	12.598	237	411252	40.493	ng	99
43) 2,4,6-Trichlorophenol	12.875	196	615590	38.633	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	681035	38.602	ng	98
46) 1,1'-Biphenyl	13.275	154	2249716	38.412	ng	100
47) 2-Chloronaphthalene	13.316	162	1790079	38.005	ng	100
48) 2-Nitroaniline	13.539	65	549437	37.876	ng	98
49) Acenaphthylene	14.163	152	2873823	38.093	ng	100
50) Dimethylphthalate	13.916	163	2248531	37.144	ng	100
51) 2,6-Dinitrotoluene	14.039	165	494017	37.980	ng	97
52) Acenaphthene	14.504	154	1745587	37.906	ng	99
53) 3-Nitroaniline	14.369	138	534440	35.471	ng	98
54) 2,4-Dinitrophenol	14.580	184	288561	35.984	ng	98
55) Dibenzofuran	14.839	168	2736200	37.158	ng	100
56) 4-Nitrophenol	14.686	139	412695	35.354	ng	99
57) 2,4-Dinitrotoluene	14.827	165	688166	38.216	ng	98
58) Fluorene	15.492	166	2375035	38.033	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	602504	37.436	ng	100
60) Diethylphthalate	15.269	149	2294753	37.176	ng	100
61) 4-Chlorophenyl-phenyle...	15.486	204	1106679	37.926	ng	100
62) 4-Nitroaniline	15.533	138	510561	35.423	ng	99
63) Azobenzene	15.780	77	2171981	37.601	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	401830	38.436	ng	99
66) n-Nitrosodiphenylamine	15.704	169	1915582	38.510	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	677263	39.025	ng	100
68) Hexachlorobenzene	16.486	284	821838	37.955	ng	100
69) Atrazine	16.663	200	533850	38.565	ng	98
70) Pentachlorophenol	16.839	266	495311	38.855	ng	99
71) Phenanthrene	17.233	178	3572226	37.530	ng	100
72) Anthracene	17.321	178	3471452	38.034	ng	99
73) Carbazole	17.604	167	3202624	37.528	ng	99
74) Di-n-butylphthalate	18.157	149	4025263	35.441	ng	100
75) Fluoranthene	19.245	202	4232370	37.305	ng	100
77) Benzidine	19.445	184	1230590	47.155	ng	99
78) Pyrene	19.609	202	4464304	39.878	ng	100
80) Butylbenzylphthalate	20.515	149	1945679	40.427	ng	95
81) Benzo(a)anthracene	21.362	228	4473852	37.388	ng	100
82) 3,3'-Dichlorobenzidine	21.298	252	1426804	36.698	ng	100
83) Chrysene	21.415	228	4249706	36.786	ng	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	2868854	40.460	ng	99
85) Di-n-octyl phthalate	22.192	149	4620693	37.973	ng	100
87) Indeno(1,2,3-cd)pyrene	26.121	276	4401646	33.583	ng	100
88) Benzo(b)fluoranthene	22.997	252	4025575	37.831	ng	99
89) Benzo(k)fluoranthene	23.050	252	4248677	39.367	ng	100
90) Benzo(a)pyrene	23.609	252	3318755	37.428	ng	100
91) Dibenzo(a,h)anthracene	26.133	278	3664034	33.748	ng	100
92) Benzo(g,h,i)perylene	26.862	276	3419891	32.555	ng	99

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

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