Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
Data File : BM039208.D
Acq On : 29 Mar 2023 16:37
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM032923

Quant Time: Mar 30 05:17:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	208229	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	808167	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	466133	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	950935	20.000	ng	0.00
76) Chrysene-d12	21.504	240	852755	20.000	ng	0.00
86) Perylene-d12	23.921	264	965252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1102049	79.737	ng	0.00
7) Phenol-d6	7.099	99	1441501	80.637	ng	0.00
23) Nitrobenzene-d5	9.098	82	1330056	79.988	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	479323	81.006	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	2764164	80.346	ng	0.00
79) Terphenyl-d14	19.945	244	3815265	82.660	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	223059	39.484	ng	99
3) Pyridine	3.764	79	626802	39.605	ng	99
4) n-Nitrosodimethylamine	3.675	42	244972	39.413	ng	97
6) Aniline	7.252	93	877918	39.679	ng	99
8) 2-Chlorophenol	7.493	128	566665	40.058	ng	99
9) Benzaldehyde	7.063	77	414525	40.718	ng	99
10) Phenol	7.122	94	721435	40.270	ng	99
11) bis(2-Chloroethyl)ether	7.352	93	573204	39.772	ng	100
12) 1,3-Dichlorobenzene	7.816	146	593555	39.565	ng	100
13) 1,4-Dichlorobenzene	7.963	146	598499	39.454	ng	99
14) 1,2-Dichlorobenzene	8.281	146	575640	39.685	ng	99
15) Benzyl Alcohol	8.175	79	496024	40.342	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	731888	39.703	ng	98
17) 2-Methylphenol	8.381	107	499879	39.882	ng	98
18) Hexachloroethane	9.010	117	231844	39.511	ng	99
19) n-Nitroso-di-n-propyla...	8.740	70	454204	39.747	ng	99
20) 3+4-Methylphenols	8.710	107	680654	40.413	ng	99
22) Acetophenone	8.757	105	852573	39.456	ng	99
24) Nitrobenzene	9.140	77	656058	39.667	ng	99
25) Isophorone	9.669	82	1244412	40.116	ng	99
26) 2-Nitrophenol	9.851	139	308437	40.342	ng	97
27) 2,4-Dimethylphenol	9.916	122	513627	40.433	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	750670	39.976	ng	100
29) 2,4-Dichlorophenol	10.387	162	507329	40.933	ng	99
30) 1,2,4-Trichlorobenzene	10.604	180	528106	39.828	ng	99
31) Naphthalene	10.792	128	1745287	40.078	ng	100
32) Benzoic acid	10.057	122	393789	39.773	ng	98
33) 4-Chloroaniline	10.904	127	769463	40.332	ng	100
34) Hexachlorobutadiene	11.069	225	311250	39.920	ng	99
35) Caprolactam	11.698	113	174144	40.466	ng	98
36) 4-Chloro-3-methylphenol	12.034	107	554539	40.552	ng	99
37) 2-Methylnaphthalene	12.398	142	1216522	40.129	ng	98
38) 1-Methylnaphthalene	12.616	142	1130372	39.822	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	570716	40.214	ng	100
41) Hexachlorocyclopentadiene	12.745	237	330505	42.628	ng	100
43) 2,4,6-Trichlorophenol	13.010	196	397167	41.035	ng	98

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44) 2,4,5-Trichlorophenol	13.081	196	465777	41.050	ng	98
46) 1,1'-Biphenyl	13.410	154	1476600	40.115	ng	99
47) 2-Chloronaphthalene	13.451	162	1114150	39.975	ng	99
48) 2-Nitroaniline	13.657	65	380306	40.548	ng	99
49) Acenaphthylene	14.298	152	1829367	39.936	ng	100
50) Dimethylphthalate	14.033	163	1439272	40.065	ng	100
51) 2,6-Dinitrotoluene	14.157	165	317237	41.065	ng	98
52) Acenaphthene	14.639	154	1080285	39.939	ng	99
53) 3-Nitroaniline	14.486	138	363154	40.664	ng	98
54) 2,4-Dinitrophenol	14.692	184	186333	40.729	ng	99
55) Dibenzofuran	14.975	168	1740369	39.966	ng	99
56) 4-Nitrophenol	14.792	139	285584	41.469	ng	97
57) 2,4-Dinitrotoluene	14.945	165	432933	41.428	ng	100
58) Fluorene	15.622	166	1388373	40.263	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	363404	40.259	ng	99
60) Diethylphthalate	15.398	149	1452247	40.164	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	686177	40.152	ng	100
62) 4-Nitroaniline	15.651	138	375782	41.004	ng	100
63) Azobenzene	15.910	77	1463318	40.394	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	257374	41.140	ng	97
66) n-Nitrosodiphenylamine	15.833	169	1196744	39.937	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	410187	40.391	ng	100
68) Hexachlorobenzene	16.627	284	443478	40.274	ng	100
69) Atrazine	16.786	200	383686	40.427	ng	98
70) Pentachlorophenol	16.974	266	330371	41.818	ng	99
71) Phenanthrene	17.363	178	2100816	40.337	ng	100
72) Anthracene	17.457	178	2125655	40.027	ng	100
73) Carbazole	17.727	167	1985931	40.020	ng	99
74) Di-n-butylphthalate	18.286	149	2521723	41.081	ng	100
75) Fluoranthene	19.380	202	2385085	40.174	ng	100
77) Benzidine	19.568	184	924226	41.090	ng	99
78) Pyrene	19.745	202	2489627	41.010	ng	99
80) Butylbenzylphthalate	20.639	149	1142863	41.093	ng	99
81) Benzo(a)anthracene	21.492	228	2408242	40.043	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	803520	40.107	ng	100
83) Chrysene	21.545	228	2341205	40.325	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1697114	41.317	ng	100
85) Di-n-octyl phthalate	22.345	149	3024968	40.876	ng	100
87) Indeno(1,2,3-cd)pyrene	26.444	276	2859338	40.205	ng	100
88) Benzo(b)fluoranthene	23.186	252	2388784	40.446	ng	100
89) Benzo(k)fluoranthene	23.233	252	2446897	40.673	ng	100
90) Benzo(a)pyrene	23.815	252	2347418	40.459	ng	100
91) Dibenzo(a,h)anthracene	26.456	278	2398748	40.168	ng	99
92) Benzo(g,h,i)perylene	27.215	276	2352300	40.054	ng	99

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

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