Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040224\
Data File : BM044885.D
Acq On : 02 Apr 2024 19:52
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM040224

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

Quant Time: Apr 03 00:31:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 00:28:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	100589	20.000	ng		0.00
21) Naphthalene-d8	10.428	136	433136	20.000	ng		0.00
39) Acenaphthene-d10	14.298	164	279311	20.000	ng		0.00
64) Phenanthrene-d10	17.057	188	578345	20.000	ng		0.00
76) Chrysene-d12	21.262	240	594461	20.000	ng		0.00
86) Perylene-d12	23.492	264	718617	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	526498	79.024	ng		0.00
7) Phenol-d6	6.828	99	699218	79.505	ng		0.00
23) Nitrobenzene-d5	8.810	82	706831	80.366	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	327776	80.305	ng		0.00
45) 2-Fluorobiphenyl	12.910	172	1601715	77.778	ng		0.00
79) Terphenyl-d14	19.704	244	2749580	79.031	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	101205	39.007	ng		100
3) Pyridine	3.634	79	299115	39.810	ng		99
4) n-Nitrosodimethylamine	3.558	42	121485	37.212	ng		100
6) Aniline	6.993	93	411809	39.721	ng		98
8) 2-Chlorophenol	7.216	128	281605	39.581	ng		99
9) Benzaldehyde	6.810	77	175377	39.436	ng		93
10) Phenol	6.857	94	344172	39.676	ng		99
11) bis(2-Chloroethyl)ether	7.093	93	270212	38.073	ng		100
12) 1,3-Dichlorobenzene	7.534	146	290168	38.836	ng		99
13) 1,4-Dichlorobenzene	7.681	146	294805	39.234	ng		99
14) 1,2-Dichlorobenzene	7.993	146	287012	38.753	ng		98
15) Benzyl Alcohol	7.898	79	247167	41.009	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.187	45	316939m	38.700	ng		
17) 2-Methylphenol	8.093	107	255643	40.481	ng		96
18) Hexachloroethane	8.704	117	115620	39.526	ng		99
19) n-Nitroso-di-n-propyla...	8.463	70	235118	40.057	ng		98
20) 3+4-Methylphenols	8.422	107	353165	40.237	ng		98
22) Acetophenone	8.475	105	449169	39.857	ng	#	98
24) Nitrobenzene	8.851	77	346409	40.272	ng		100
25) Isophorone	9.375	82	624828	39.940	ng		98
26) 2-Nitrophenol	9.551	139	165327	41.960	ng		99
27) 2,4-Dimethylphenol	9.616	122	263837	40.060	ng		99
28) bis(2-Chloroethoxy)met...	9.857	93	384649	39.818	ng		100
29) 2,4-Dichlorophenol	10.081	162	271263	40.471	ng		97
30) 1,2,4-Trichlorobenzene	10.287	180	274962	39.249	ng		98
31) Naphthalene	10.475	128	917657	39.200	ng		100
32) Benzoic acid	9.769	122	223563	40.569	ng		98
33) 4-Chloroaniline	10.604	127	418444	41.016	ng		99
34) Hexachlorobutadiene	10.739	225	155161	38.970	ng		99
35) Caprolactam	11.410	113	98719	40.863	ng		96
36) 4-Chloro-3-methylphenol	11.728	107	296675	40.857	ng		95
37) 2-Methylnaphthalene	12.092	142	656743	39.042	ng		99
38) 1-Methylnaphthalene	12.316	142	618180	38.819	ng		99
40) 1,2,4,5-Tetrachloroben...	12.463	216	298306	38.929	ng		100
41) Hexachlorocyclopentadiene	12.428	237	167598	38.986	ng		99
43) 2,4,6-Trichlorophenol	12.716	196	222294	40.956	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.786	196	262774	40.359	ng	99
46) 1,1'-Biphenyl	13.122	154	821068	39.276	ng	99
47) 2-Chloronaphthalene	13.163	162	622312	39.189	ng	98
48) 2-Nitroaniline	13.386	65	207255	41.269	ng	99
49) Acenaphthylene	14.016	152	1041780	39.419	ng	99
50) Dimethylphthalate	13.775	163	855356	38.823	ng	100
51) 2,6-Dinitrotoluene	13.898	165	185323	40.043	ng	98
52) Acenaphthene	14.363	154	623130	39.116	ng	97
53) 3-Nitroaniline	14.227	138	213772	41.102	ng	94
54) 2,4-Dinitrophenol	14.439	184	109436	38.409	ng	97
55) Dibenzofuran	14.698	168	1022035	38.915	ng	98
56) 4-Nitrophenol	14.539	139	170970	40.669	ng	99
57) 2,4-Dinitrotoluene	14.692	165	261717	40.434	ng	100
58) Fluorene	15.357	166	827680	38.887	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.927	232	217658	40.263	ng	100
60) Diethylphthalate	15.145	149	893433	39.434	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	392146	37.980	ng	98
62) 4-Nitroaniline	15.398	138	205771	42.587	ng	98
63) Azobenzene	15.651	77	873033	39.954	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	149843	40.894	ng	98
66) n-Nitrosodiphenylamine	15.574	169	708687	40.497	ng	98
67) 4-Bromophenyl-phenylether	16.251	248	243600	39.470	ng	99
68) Hexachlorobenzene	16.351	284	281864	39.373	ng	99
69) Atrazine	16.539	200	234310	41.282	ng	98
70) Pentachlorophenol	16.704	266	210271	40.572	ng	99
71) Phenanthrene	17.098	178	1268594	39.462	ng	99
72) Anthracene	17.192	178	1305293	40.103	ng	99
73) Carbazole	17.468	167	1240088	40.472	ng	100
74) Di-n-butylphthalate	18.039	149	1625173	41.198	ng	99
75) Fluoranthene	19.127	202	1507411	39.625	ng	99
77) Benzidine	19.327	184	510082	45.977	ng	99
78) Pyrene	19.492	202	1605371	40.557	ng	99
80) Butylbenzylphthalate	20.409	149	764047	41.828	ng	97
81) Benzo(a)anthracene	21.245	228	1635812	39.882	ng	99
82) 3,3'-Dichlorobenzidine	21.192	252	616390	40.700	ng	99
83) Chrysene	21.298	228	1549233	39.799	ng	100
84) Bis(2-ethylhexyl)phtha...	21.192	149	1206875	41.363	ng	100
85) Di-n-octyl phthalate	22.074	149	2054356	42.306	ng	99
87) Indeno(1,2,3-cd)pyrene	25.744	276	2115222	39.229	ng	100
88) Benzo(b)fluoranthene	22.821	252	1667263	39.129	ng	99
89) Benzo(k)fluoranthene	22.868	252	1720351	40.657	ng	99
90) Benzo(a)pyrene	23.397	252	1654412	40.087	ng	99
91) Dibenzo(a,h)anthracene	25.756	278	1790619	39.437	ng	99
92) Benzo(g,h,i)perylene	26.427	276	1723127	39.506	ng	99

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

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