Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052224\
Data File : BM045746.D
Acq On : 22 May 2024 17:23
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM052224

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 23 04:15:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 04:12:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.569	152	321883	20.000	ng		0.00
21) Naphthalene-d8	10.334	136	1381606	20.000	ng		0.00
39) Acenaphthene-d10	14.198	164	912753	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	1967011	20.000	ng		0.00
76) Chrysene-d12	21.168	240	1625699	20.000	ng		0.00
86) Perylene-d12	23.962	264	1934287	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	1442683	79.909	ng		0.00
7) Phenol-d6	6.840	99	1920421	79.231	ng		0.00
23) Nitrobenzene-d5	8.734	82	2123560	83.610	ng		0.00
42) 2,4,6-Tribromophenol	15.704	330	835972	86.471	ng		0.00
45) 2-Fluorobiphenyl	12.827	172	4560134	80.297	ng		0.00
79) Terphenyl-d14	19.586	244	7290798	82.543	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	298353	39.814	ng		99
3) Pyridine	3.610	79	846568m	41.245	ng		
4) n-Nitrosodimethylamine	3.505	42	471159	40.689	ng		99
6) Aniline	6.946	93	955928	41.235	ng		98
8) 2-Chlorophenol	7.169	128	797774	40.347	ng		98
9) Benzaldehyde	6.746	77	581083	39.354	ng		99
10) Phenol	6.863	94	964741	39.384	ng		99
11) bis(2-Chloroethyl)ether	7.028	93	843114	39.713	ng		99
12) 1,3-Dichlorobenzene	7.457	146	944626	40.087	ng		99
13) 1,4-Dichlorobenzene	7.598	146	960992	40.438	ng		98
14) 1,2-Dichlorobenzene	7.922	146	880674	39.663	ng		99
15) Benzyl Alcohol	7.857	79	767697	40.558	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.116	45	1329238m	40.341	ng		
17) 2-Methylphenol	8.081	107	704734	41.503	ng		99
18) Hexachloroethane	8.634	117	371406	40.261	ng		96
19) n-Nitroso-di-n-propyla...	8.398	70	676356	39.690	ng		99
20) 3+4-Methylphenols	8.410	107	917836	40.592	ng	#	88
22) Acetophenone	8.404	105	1275873	39.929	ng	#	99
24) Nitrobenzene	8.775	77	1083984	41.963	ng		99
25) Isophorone	9.316	82	1946931	41.180	ng		99
26) 2-Nitrophenol	9.481	139	470895	41.736	ng		99
27) 2,4-Dimethylphenol	9.587	122	596858	41.390	ng		99
28) bis(2-Chloroethoxy)met...	9.781	93	1184535	40.690	ng		100
29) 2,4-Dichlorophenol	10.028	162	841245	42.660	ng		99
30) 1,2,4-Trichlorobenzene	10.198	180	923869	41.374	ng		99
31) Naphthalene	10.386	128	2764490	40.388	ng		100
32) Benzoic acid	9.822	122	554436	41.695	ng		97
33) 4-Chloroaniline	10.551	127	1086021	41.564	ng		99
34) Hexachlorobutadiene	10.675	225	559556	40.873	ng		99
35) Caprolactam	11.416	113	275365	43.176	ng		97
36) 4-Chloro-3-methylphenol	11.710	107	942294	42.023	ng		100
37) 2-Methylnaphthalene	12.004	142	1923663	40.346	ng		100
38) 1-Methylnaphthalene	12.222	142	1904509	40.485	ng		100
40) 1,2,4,5-Tetrachloroben...	12.369	216	963896	40.949	ng		100
41) Hexachlorocyclopentadiene	12.357	237	405626	41.172	ng		99
43) 2,4,6-Trichlorophenol	12.645	196	682567	42.966	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.739	196	755610	42.736	ng	97
46) 1,1'-Biphenyl	13.033	154	2472978	40.194	ng	100
47) 2-Chloronaphthalene	13.069	162	1927385	40.029	ng	100
48) 2-Nitroaniline	13.322	65	687371	45.242	ng	100
49) Acenaphthylene	13.922	152	2952747	40.442	ng	100
50) Dimethylphthalate	13.704	163	2533225	41.030	ng	99
51) 2,6-Dinitrotoluene	13.804	165	582358	43.947	ng	99
52) Acenaphthene	14.263	154	1846009	40.334	ng	99
53) 3-Nitroaniline	14.163	138	602168	44.554	ng	100
54) 2,4-Dinitrophenol	14.339	184	289742	42.366	ng	98
55) Dibenzofuran	14.604	168	2901920	40.220	ng	99
56) 4-Nitrophenol	14.533	139	508345	44.239	ng	98
57) 2,4-Dinitrotoluene	14.592	165	783585	44.529	ng	99
58) Fluorene	15.251	166	2391882	40.561	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.857	232	635074	43.226	ng	99
60) Diethylphthalate	15.063	149	2675858	41.477	ng	99
61) 4-Chlorophenyl-phenyle...	15.257	204	1173251	40.656	ng	99
62) 4-Nitroaniline	15.339	138	606017	45.141	ng	97
63) Azobenzene	15.551	77	2531463	40.495	ng	100
65) 4,6-Dinitro-2-methylph...	15.351	198	412036	42.451	ng	91
66) n-Nitrosodiphenylamine	15.480	169	2028407	40.280	ng	100
67) 4-Bromophenyl-phenylether	16.145	248	766350	41.006	ng	97
68) Hexachlorobenzene	16.251	284	907879	40.781	ng	99
69) Atrazine	16.457	200	623196	40.528	ng	99
70) Pentachlorophenol	16.621	266	609543	44.882	ng	99
71) Phenanthrene	16.992	178	3713213	39.995	ng	100
72) Anthracene	17.080	178	3696250	40.494	ng	100
73) Carbazole	17.374	167	3699146	40.500	ng	100
74) Di-n-butylphthalate	17.939	149	4694595	41.393	ng	100
75) Fluoranthene	19.009	202	4587189	40.521	ng	99
77) Benzidine	19.227	184	1499390m	54.011	ng	
78) Pyrene	19.374	202	4770987	41.602	ng	100
80) Butylbenzylphthalate	20.298	149	2132708	42.933	ng	98
81) Benzo(a)anthracene	21.145	228	4215101	40.708	ng	100
82) 3,3'-Dichlorobenzidine	21.098	252	1544520	43.527	ng	98
83) Chrysene	21.209	228	3964122	40.815	ng	100
84) Bis(2-ethylhexyl)phtha...	21.092	149	2904962	41.647	ng	100
85) Di-n-octyl phthalate	22.156	149	5127021	42.148	ng	100
87) Indeno(1,2,3-cd)pyrene	27.068	276	4599895	41.330	ng	100
88) Benzo(b)fluoranthene	23.086	252	4474492	40.792	ng	100
89) Benzo(k)fluoranthene	23.144	252	4152573	39.885	ng	100
90) Benzo(a)pyrene	23.833	252	3914881	41.073	ng	99
91) Dibenzo(a,h)anthracene	27.121	278	3825433	41.492	ng	99
92) Benzo(g,h,i)perylene	28.032	276	3933806	41.132	ng	99

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

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