Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062724\
Data File : BM046338.D
Acq On : 27 Jun 2024 18:53
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 02:55:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 02:47:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	120330	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	559161	20.000	ng	0.00
39) Acenaphthene-d10	14.022	164	367073	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	759168	20.000	ng	0.00
76) Chrysene-d12	20.998	240	759826	20.000	ng	0.00
86) Perylene-d12	23.674	264	815168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.052	112	632351	84.472	ng	0.00
7) Phenol-d6	6.634	99	916714	86.202	ng	0.00
23) Nitrobenzene-d5	8.540	82	1135794	84.207	ng	0.00
42) 2,4,6-Tribromophenol	15.533	330	387214	86.740	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	2229160	82.309	ng	0.00
79) Terphenyl-d14	19.433	244	3836393	83.536	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	115652	40.069	ng	100
3) Pyridine	3.422	79	344889m	42.811	ng	
4) n-Nitrosodimethylamine	3.340	42	264328	42.314	ng	100
6) Aniline	6.746	93	423792	43.881	ng	100
8) 2-Chlorophenol	6.963	128	353661	42.404	ng	100
9) Benzaldehyde	6.551	77	253116	41.948	ng	100
10) Phenol	6.657	94	448482	42.605	ng	100
11) bis(2-Chloroethyl)ether	6.834	93	365389	42.756	ng	100
12) 1,3-Dichlorobenzene	7.257	146	386407	41.789	ng	100
13) 1,4-Dichlorobenzene	7.404	146	393610	41.368	ng	100
14) 1,2-Dichlorobenzene	7.722	146	394905	42.096	ng	100
15) Benzyl Alcohol	7.657	79	388741	44.466	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.916	45	615362	42.311	ng	100
17) 2-Methylphenol	7.869	107	320223	43.636	ng	100
18) Hexachloroethane	8.428	117	177422	41.394	ng	100
19) n-Nitroso-di-n-propyla...	8.198	70	364891	45.196	ng	100
20) 3+4-Methylphenols	8.204	107	468339	44.006	ng	100
22) Acetophenone	8.210	105	659713	42.239	ng	100
24) Nitrobenzene	8.581	77	557072	42.043	ng	100
25) Isophorone	9.104	82	970815	42.445	ng	100
26) 2-Nitrophenol	9.275	139	210084	44.301	ng	100
27) 2,4-Dimethylphenol	9.381	122	255193	42.922	ng	100
28) bis(2-Chloroethoxy)met...	9.581	93	535893	42.408	ng	100
29) 2,4-Dichlorophenol	9.822	162	346880	43.202	ng	100
30) 1,2,4-Trichlorobenzene	9.998	180	376424	41.403	ng	100
31) Naphthalene	10.181	128	1270180	41.450	ng	100
32) Benzoic acid	9.634	122	299817	42.149	ng	100
33) 4-Chloroaniline	10.345	127	467008	43.507	ng	100
34) Hexachlorobutadiene	10.463	225	229124	40.878	ng	100
35) Caprolactam	11.175	113	128953	43.871	ng	100
36) 4-Chloro-3-methylphenol	11.492	107	433747	43.418	ng	100
37) 2-Methylnaphthalene	11.804	142	868403	42.020	ng	100
38) 1-Methylnaphthalene	12.028	142	854359	41.810	ng	100
40) 1,2,4,5-Tetrachloroben...	12.180	216	393863	40.220	ng	100
41) Hexachlorocyclopentadiene	12.163	237	153288	39.945	ng	100
43) 2,4,6-Trichlorophenol	12.451	196	272627	41.915	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.545	196	311542	41.568	ng	100
46) 1,1'-Biphenyl	12.845	154	1133048	41.230	ng	100
47) 2-Chloronaphthalene	12.880	162	884289	41.454	ng	100
48) 2-Nitroaniline	13.139	65	368500	43.513	ng	100
49) Acenaphthylene	13.745	152	1367881	41.594	ng	100
50) Dimethylphthalate	13.522	163	1124420	41.903	ng	100
51) 2,6-Dinitrotoluene	13.633	165	253481	42.419	ng	100
52) Acenaphthene	14.086	154	846709	41.421	ng	100
53) 3-Nitroaniline	13.986	138	263489	43.642	ng	100
54) 2,4-Dinitrophenol	14.180	184	135396	40.817	ng	100
55) Dibenzofuran	14.427	168	1363133	41.616	ng	100
56) 4-Nitrophenol	14.351	139	202007	42.190	ng	100
57) 2,4-Dinitrotoluene	14.433	165	377073	43.603	ng	100
58) Fluorene	15.080	166	1180449	42.133	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.680	232	265158	41.976	ng	100
60) Diethylphthalate	14.892	149	1243272	42.118	ng	100
61) 4-Chlorophenyl-phenyle...	15.080	204	546014	41.867	ng	100
62) 4-Nitroaniline	15.169	138	270148	45.813	ng	100
63) Azobenzene	15.380	77	1481735	42.123	ng	100
65) 4,6-Dinitro-2-methylph...	15.198	198	192657	40.533	ng	100
66) n-Nitrosodiphenylamine	15.310	169	911663	41.344	ng	100
67) 4-Bromophenyl-phenylether	15.980	248	318782	41.124	ng	100
68) Hexachlorobenzene	16.086	284	374085	40.875	ng	100
69) Atrazine	16.286	200	247424	40.593	ng	100
70) Pentachlorophenol	16.451	266	254429	44.199	ng	100
71) Phenanthrene	16.821	178	1678851	41.557	ng	100
72) Anthracene	16.910	178	1647398	41.924	ng	100
73) Carbazole	17.204	167	1647337	42.575	ng	100
74) Di-n-butylphthalate	17.768	149	2259942	43.473	ng	100
75) Fluoranthene	18.845	202	2054354	43.035	ng	100
77) Benzidine	19.062	184	410976	52.192	ng	100
78) Pyrene	19.209	202	2135930	40.470	ng	100
80) Butylbenzylphthalate	20.139	149	1065287	42.898	ng	100
81) Benzo(a)anthracene	20.980	228	2029434	40.716	ng	100
82) 3,3'-Dichlorobenzidine	20.933	252	706391	44.183	ng	100
83) Chrysene	21.039	228	1971242	41.352	ng	100
84) Bis(2-ethylhexyl)phtha...	20.927	149	1716760	40.852	ng	100
85) Di-n-octyl phthalate	21.939	149	2762018	43.996	ng	100
87) Indeno(1,2,3-cd)pyrene	26.638	276	1987736	38.019	ng	100
88) Benzo(b)fluoranthene	22.844	252	2082100	43.123	ng	100
89) Benzo(k)fluoranthene	22.897	252	2034856	42.367	ng	100
90) Benzo(a)pyrene	23.550	252	1794224	42.309	ng	100
91) Dibenzo(a,h)anthracene	26.674	278	1666934	38.184	ng	100
92) Benzo(g,h,i)perylene	27.550	276	1596579	36.923	ng	100

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

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