Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
Data File : BM047164.D
Acq On : 12 Aug 2024 20:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 23:45:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	298240	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	1250828	20.000	ng	0.00
39) Acenaphthene-d10	14.033	164	850668	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1804760	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1580513	20.000	ng	0.00
86) Perylene-d12	23.721	264	1881954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1279046	76.631	ng	0.00
7) Phenol-d6	6.581	99	1814551	78.898	ng	0.00
23) Nitrobenzene-d5	8.522	82	1959532	78.883	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	790541	80.147	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	4269899	77.427	ng	0.00
79) Terphenyl-d14	19.456	244	5916582	80.213	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	266771	38.575	ng	100
3) Pyridine	3.410	79	784507m	38.685	ng	
4) n-Nitrosodimethylamine	3.328	42	350736	39.587	ng	99
6) Aniline	6.722	93	878535	40.415	ng	99
8) 2-Chlorophenol	6.946	128	724029	39.772	ng	99
9) Benzaldehyde	6.534	77	514313	44.827	ng	96
10) Phenol	6.610	94	892090	38.873	ng	100
11) bis(2-Chloroethyl)ether	6.822	93	775469	39.459	ng	99
12) 1,3-Dichlorobenzene	7.263	146	854269	39.490	ng	98
13) 1,4-Dichlorobenzene	7.404	146	865058	39.496	ng	100
14) 1,2-Dichlorobenzene	7.716	146	810575	39.223	ng	98
15) Benzyl Alcohol	7.622	79	661831	40.434	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.910	45	1014761	40.239	ng	100
17) 2-Methylphenol	7.828	107	625039	40.825	ng	99
18) Hexachloroethane	8.428	117	334457	39.422	ng	99
19) n-Nitroso-di-n-propyla...	8.187	70	622374	40.175	ng	98
20) 3+4-Methylphenols	8.157	107	883328	41.270	ng	99
22) Acetophenone	8.193	105	1162856	38.514	ng	98
24) Nitrobenzene	8.563	77	990508	39.599	ng	99
25) Isophorone	9.087	82	1750690	40.476	ng	99
26) 2-Nitrophenol	9.263	139	447872	40.430	ng	98
27) 2,4-Dimethylphenol	9.339	122	519904	40.066	ng	98
28) bis(2-Chloroethoxy)met...	9.575	93	1088619	40.000	ng	99
29) 2,4-Dichlorophenol	9.792	162	784538	40.747	ng	99
30) 1,2,4-Trichlorobenzene	9.998	180	854817	39.232	ng	100
31) Naphthalene	10.175	128	2418968	38.820	ng	100
32) Benzoic acid	9.522	122	625179	41.469	ng	99
33) 4-Chloroaniline	10.304	127	971471	40.542	ng	100
34) Hexachlorobutadiene	10.463	225	497250	38.990	ng	98
35) Caprolactam	11.116	113	282157	42.199	ng	99
36) 4-Chloro-3-methylphenol	11.451	107	844431	41.182	ng	99
37) 2-Methylnaphthalene	11.804	142	1751677	39.482	ng	98
38) 1-Methylnaphthalene	12.028	142	1725117	39.344	ng	98
40) 1,2,4,5-Tetrachloroben...	12.186	216	911095	39.267	ng	100
41) Hexachlorocyclopentadiene	12.163	237	332071	40.986	ng	97
43) 2,4,6-Trichlorophenol	12.445	196	658924	39.955	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	743039	40.580	ng	99
46) 1,1'-Biphenyl	12.851	154	2334022	38.540	ng	98
47) 2-Chloronaphthalene	12.886	162	1799566	38.018	ng	100
48) 2-Nitroaniline	13.110	65	610236	41.152	ng	97
49) Acenaphthylene	13.745	152	2730333	39.132	ng	100
50) Dimethylphthalate	13.510	163	2343190	39.440	ng	99
51) 2,6-Dinitrotoluene	13.627	165	560252	40.340	ng	97
52) Acenaphthene	14.098	154	1717869	38.814	ng	100
53) 3-Nitroaniline	13.957	138	565032	40.601	ng	97
54) 2,4-Dinitrophenol	14.174	184	338021	40.609	ng	97
55) Dibenzofuran	14.439	168	2716588	38.859	ng	100
56) 4-Nitrophenol	14.292	139	498057	41.504	ng	97
57) 2,4-Dinitrotoluene	14.422	165	758178	40.900	ng	99
58) Fluorene	15.092	166	2250312	39.012	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	605721	40.251	ng	99
60) Diethylphthalate	14.892	149	2381448	39.253	ng	100
61) 4-Chlorophenyl-phenyle...	15.098	204	1068621	38.914	ng	98
62) 4-Nitroaniline	15.133	138	558114	40.708	ng	100
63) Azobenzene	15.392	77	2256286	39.223	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	451808	42.758	ng	98
66) n-Nitrosodiphenylamine	15.316	169	1915043	38.958	ng	100
67) 4-Bromophenyl-phenylether	15.992	248	672514	38.670	ng	98
68) Hexachlorobenzene	16.098	284	814831	39.121	ng	99
69) Atrazine	16.292	200	571307	38.622	ng	98
70) Pentachlorophenol	16.451	266	584412	40.027	ng	97
71) Phenanthrene	16.833	178	3491090	38.544	ng	100
72) Anthracene	16.921	178	3445210	39.093	ng	100
73) Carbazole	17.204	167	3535518	39.291	ng	100
74) Di-n-butylphthalate	17.792	149	4138199	39.524	ng	100
75) Fluoranthene	18.868	202	4285718	38.902	ng	99
77) Benzidine	19.074	184	1855155	69.214	ng	99
78) Pyrene	19.233	202	4520272	40.055	ng	99
80) Butylbenzylphthalate	20.174	149	1904359	41.349	ng	97
81) Benzo(a)anthracene	21.009	228	4163122	39.678	ng	100
82) 3,3'-Dichlorobenzidine	20.951	252	1406543	42.845	ng	100
83) Chrysene	21.068	228	3883880	39.015	ng	100
84) Bis(2-ethylhexyl)phtha...	20.968	149	2678592	41.011	ng	99
85) Di-n-octyl phthalate	22.003	149	4621252	41.627	ng	99
87) Indeno(1,2,3-cd)pyrene	26.721	276	4674404	38.427	ng	100
88) Benzo(b)fluoranthene	22.880	252	4441500	39.741	ng	99
89) Benzo(k)fluoranthene	22.939	252	4167608	39.479	ng	100
90) Benzo(a)pyrene	23.597	252	3862401	39.894	ng	99
91) Dibenzo(a,h)anthracene	26.768	278	3772235	38.318	ng	99
92) Benzo(g,h,i)perylene	27.650	276	3883204	37.992	ng	99

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

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