Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046687.D
Acq On : 18 Jul 2024 03:12
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jul 18 05:55:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 18 05:50:43 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.487	152	93675	20.000	ng	0.00
21) Naphthalene-d8	10.251	136	350003	20.000	ng	0.00
39) Acenaphthene-d10	14.139	164	269058	20.000	ng	0.00
64) Phenanthrene-d10	16.892	188	643243	20.000	ng	0.00
76) Chrysene-d12	21.121	240	571490	20.000	ng	0.00
86) Perylene-d12	23.886	264	639500	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	370057	80.240	ng	0.00
7) Phenol-d6	6.693	99	473657	80.655	ng	0.00
23) Nitrobenzene-d5	8.634	82	547585	81.229	ng	0.00
42) 2,4,6-Tribromophenol	15.639	330	338610	81.137	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	1537251	80.704	ng	0.00
79) Terphenyl-d14	19.545	244	2603793	82.393	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	54857	39.192	ng	100
3) Pyridine	3.516	79	161559	39.278	ng	100
4) n-Nitrosodimethylamine	3.428	42	121920	40.123	ng	100
6) Aniline	6.834	93	203141	40.023	ng	100
8) 2-Chlorophenol	7.063	128	210690	40.813	ng	100
9) Benzaldehyde	6.645	77	143103	39.919	ng	100
10) Phenol	6.722	94	226730	39.727	ng	100
11) bis(2-Chloroethyl)ether	6.934	93	167227	39.440	ng	100
12) 1,3-Dichlorobenzene	7.381	146	273709	40.145	ng	100
13) 1,4-Dichlorobenzene	7.522	146	279916	40.424	ng	100
14) 1,2-Dichlorobenzene	7.834	146	265678	40.275	ng	100
15) Benzyl Alcohol	7.734	79	190792	39.889	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.022	45	177811	40.116	ng	100
17) 2-Methylphenol	7.945	107	164019	40.350	ng	100
18) Hexachloroethane	8.551	117	103603	41.201	ng	100
19) n-Nitroso-di-n-propyla...	8.298	70	150205	40.516	ng	100
20) 3+4-Methylphenols	8.269	107	226619	40.578	ng	100
22) Acetophenone	8.304	105	323586	40.206	ng	100
24) Nitrobenzene	8.675	77	261786	39.603	ng	100
25) Isophorone	9.204	82	412927	40.728	ng	100
26) 2-Nitrophenol	9.375	139	127715	40.335	ng	100
27) 2,4-Dimethylphenol	9.457	122	137819	40.088	ng	100
28) bis(2-Chloroethoxy)met...	9.686	93	232373	40.205	ng	100
29) 2,4-Dichlorophenol	9.910	162	247639	40.103	ng	100
30) 1,2,4-Trichlorobenzene	10.116	180	307108	40.597	ng	100
31) Naphthalene	10.298	128	701736	40.359	ng	100
32) Benzoic acid	9.616	122	171160m	40.852	ng	
33) 4-Chloroaniline	10.416	127	263877	40.732	ng	100
34) Hexachlorobutadiene	10.592	225	208395	40.723	ng	100
35) Caprolactam	11.216	113	66047	40.386	ng	100
36) 4-Chloro-3-methylphenol	11.563	107	230734	40.499	ng	100
37) 2-Methylnaphthalene	11.927	142	534642	40.493	ng	100
38) 1-Methylnaphthalene	12.151	142	524685	40.453	ng	100
40) 1,2,4,5-Tetrachloroben...	12.304	216	350707	40.083	ng	100
41) Hexachlorocyclopentadiene	12.286	237	91890	42.925	ng	100
43) 2,4,6-Trichlorophenol	12.557	196	231842	40.255	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.627	196	257872	40.157	ng	100
46) 1,1'-Biphenyl	12.963	154	746621	39.885	ng	100
47) 2-Chloronaphthalene	12.998	162	622470	40.219	ng	100
48) 2-Nitroaniline	13.210	65	165640	40.790	ng	100
49) Acenaphthylene	13.851	152	868094	40.373	ng	100
50) Dimethylphthalate	13.610	163	745778	40.080	ng	100
51) 2,6-Dinitrotoluene	13.721	165	174547	40.579	ng	100
52) Acenaphthene	14.204	154	554128	40.188	ng	100
53) 3-Nitroaniline	14.051	138	160147	41.136	ng	100
54) 2,4-Dinitrophenol	14.257	184	90242	38.927	ng	100
55) Dibenzofuran	14.539	168	941977	40.363	ng	100
56) 4-Nitrophenol	14.380	139	137942	40.831	ng	100
57) 2,4-Dinitrotoluene	14.516	165	256984	41.255	ng	100
58) Fluorene	15.192	166	803825	40.301	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.774	232	237509	40.159	ng	100
60) Diethylphthalate	14.992	149	788223	41.063	ng	100
61) 4-Chlorophenyl-phenyle...	15.198	204	432918	40.358	ng	100
62) 4-Nitroaniline	15.221	138	179184	40.822	ng	100
63) Azobenzene	15.492	77	634805	40.731	ng	100
65) 4,6-Dinitro-2-methylph...	15.286	198	135711	40.602	ng	100
66) n-Nitrosodiphenylamine	15.415	169	672675	40.325	ng	100
67) 4-Bromophenyl-phenylether	16.092	248	291907	40.183	ng	100
68) Hexachlorobenzene	16.198	284	347142	39.566	ng	100
69) Atrazine	16.380	200	205428	35.085	ng	100
70) Pentachlorophenol	16.551	266	247182	39.709	ng	100
71) Phenanthrene	16.933	178	1264797	39.594	ng	100
72) Anthracene	17.021	178	1264747	40.018	ng	100
73) Carbazole	17.298	167	1187834	39.718	ng	100
74) Di-n-butylphthalate	17.886	149	1372863	41.058	ng	100
75) Fluoranthene	18.962	202	1615614	39.359	ng	100
77) Benzidine	19.156	184	431695	37.750	ng	100
78) Pyrene	19.321	202	1668741	41.017	ng	100
80) Butylbenzylphthalate	20.256	149	624251	42.478	ng	100
81) Benzo(a)anthracene	21.103	228	1522105	40.248	ng	100
82) 3,3'-Dichlorobenzidine	21.039	252	540574	41.131	ng	100
83) Chrysene	21.162	228	1423247	40.365	ng	100
84) Bis(2-ethylhexyl)phtha...	21.062	149	811646	41.413	ng	100
85) Di-n-octyl phthalate	22.127	149	1361332	41.209	ng	100
87) Indeno(1,2,3-cd)pyrene	26.968	276	1634585	39.452	ng	100
88) Benzo(b)fluoranthene	23.021	252	1571022	39.900	ng	100
89) Benzo(k)fluoranthene	23.080	252	1482130	39.881	ng	100
90) Benzo(a)pyrene	23.756	252	1360994	39.956	ng	100
91) Dibenzo(a,h)anthracene	27.026	278	1353570	39.360	ng	100
92) Benzo(g,h,i)perylene	27.932	276	1397303	39.376	ng	100

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

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