Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040224\
Data File : BM044881.D
Acq On : 02 Apr 2024 16:52
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 03 00:21:46 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 00:16:03 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	102584	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	440589	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	276168	20.000	ng	0.00
64) Phenanthrene-d10	17.057	188	552678	20.000	ng	0.00
76) Chrysene-d12	21.268	240	560868	20.000	ng	0.00
86) Perylene-d12	23.497	264	672128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	526133	77.433	ng	0.00
7) Phenol-d6	6.834	99	717534	80.000	ng	0.00
23) Nitrobenzene-d5	8.816	82	724425	80.973	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	319125	79.076	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	1660408	81.546	ng	0.00
79) Terphenyl-d14	19.709	244	2651152	80.766	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	100363	37.930	ng	100
3) Pyridine	3.634	79	298673m	38.906	ng	
4) n-Nitrosodimethylamine	3.557	42	125568	37.636	ng	100
6) Aniline	6.993	93	417209	39.460	ng	100
8) 2-Chlorophenol	7.216	128	284557	39.218	ng	100
9) Benzaldehyde	6.816	77	170462	37.585	ng	100
10) Phenol	6.857	94	351577	39.741	ng	100
11) bis(2-Chloroethyl)ether	7.098	93	283153	39.120	ng	100
12) 1,3-Dichlorobenzene	7.534	146	293938	38.576	ng	100
13) 1,4-Dichlorobenzene	7.687	146	298127	38.905	ng	100
14) 1,2-Dichlorobenzene	7.992	146	293082	38.803	ng	100
15) Benzyl Alcohol	7.898	79	247521	40.269	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.187	45	329876	39.501	ng	100
17) 2-Methylphenol	8.092	107	262678	40.786	ng	100
18) Hexachloroethane	8.704	117	116875	39.178	ng	100
19) n-Nitroso-di-n-propyla...	8.463	70	241827	40.399	ng	100
20) 3+4-Methylphenols	8.422	107	358456	40.046	ng	100
22) Acetophenone	8.481	105	459843	40.114	ng	100
24) Nitrobenzene	8.857	77	348583	39.839	ng	100
25) Isophorone	9.381	82	638135	40.100	ng	100
26) 2-Nitrophenol	9.557	139	167520	41.798	ng	100
27) 2,4-Dimethylphenol	9.616	122	269703	40.258	ng	100
28) bis(2-Chloroethoxy)met...	9.863	93	392589	39.953	ng	100
29) 2,4-Dichlorophenol	10.081	162	282052	41.369	ng	100
30) 1,2,4-Trichlorobenzene	10.292	180	285995	40.133	ng	100
31) Naphthalene	10.475	128	945220	39.694	ng	100
32) Benzoic acid	9.775	122	221113	39.445	ng	100
33) 4-Chloroaniline	10.604	127	416455	40.130	ng	100
34) Hexachlorobutadiene	10.745	225	162646	40.158	ng	100
35) Caprolactam	11.416	113	94833	38.575	ng	100
36) 4-Chloro-3-methylphenol	11.733	107	294181	39.828	ng	100
37) 2-Methylnaphthalene	12.098	142	672401	39.296	ng	100
38) 1-Methylnaphthalene	12.322	142	632235	39.030	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	308439	40.710	ng	100
41) Hexachlorocyclopentadiene	12.433	237	176718	41.576	ng	100
43) 2,4,6-Trichlorophenol	12.722	196	226183	42.147	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.792	196	261591	40.634	ng	100
46) 1,1'-Biphenyl	13.127	154	830541	40.181	ng	100
47) 2-Chloronaphthalene	13.169	162	633209	40.329	ng	100
48) 2-Nitroaniline	13.392	65	202069	40.694	ng	100
49) Acenaphthylene	14.021	152	1045912	40.026	ng	100
50) Dimethylphthalate	13.774	163	831411	38.166	ng	100
51) 2,6-Dinitrotoluene	13.898	165	180004	39.336	ng	100
52) Acenaphthene	14.363	154	630362	40.020	ng	100
53) 3-Nitroaniline	14.227	138	207677	40.385	ng	100
54) 2,4-Dinitrophenol	14.445	184	104988	37.404	ng	100
55) Dibenzofuran	14.704	168	1025087	39.476	ng	100
56) 4-Nitrophenol	14.539	139	162357	39.060	ng	100
57) 2,4-Dinitrotoluene	14.692	165	251044	39.227	ng	100
58) Fluorene	15.357	166	825488	39.225	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.933	232	210174	39.321	ng	100
60) Diethylphthalate	15.145	149	854115	38.128	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	398936	39.078	ng	100
62) 4-Nitroaniline	15.398	138	193770	40.560	ng	100
63) Azobenzene	15.651	77	851283	39.402	ng	100
65) 4,6-Dinitro-2-methylph...	15.457	198	143588	41.007	ng	100
66) n-Nitrosodiphenylamine	15.580	169	684570	40.935	ng	100
67) 4-Bromophenyl-phenylether	16.251	248	239009	40.525	ng	100
68) Hexachlorobenzene	16.351	284	279044	40.789	ng	100
69) Atrazine	16.545	200	217820	40.159	ng	100
70) Pentachlorophenol	16.704	266	198959	40.172	ng	100
71) Phenanthrene	17.104	178	1222462	39.793	ng	100
72) Anthracene	17.192	178	1253300	40.293	ng	100
73) Carbazole	17.474	167	1165370	39.800	ng	100
74) Di-n-butylphthalate	18.045	149	1491340	39.561	ng	100
75) Fluoranthene	19.127	202	1422682	39.135	ng	100
77) Benzidine	19.333	184	500716	47.836	ng	100
78) Pyrene	19.492	202	1497080	40.086	ng	100
80) Butylbenzylphthalate	20.415	149	688591	39.955	ng	100
81) Benzo(a)anthracene	21.250	228	1516974	39.200	ng	100
82) 3,3'-Dichlorobenzidine	21.192	252	572822	40.089	ng	100
83) Chrysene	21.303	228	1456156	39.649	ng	100
84) Bis(2-ethylhexyl)phtha...	21.192	149	1121997	40.757	ng	100
85) Di-n-octyl phthalate	22.080	149	1826856	39.874	ng	100
87) Indeno(1,2,3-cd)pyrene	25.750	276	2000799	39.673	ng	100
88) Benzo(b)fluoranthene	22.833	252	1564533	39.258	ng	100
89) Benzo(k)fluoranthene	22.874	252	1599451	40.414	ng	100
90) Benzo(a)pyrene	23.403	252	1551267	40.187	ng	100
91) Dibenzo(a,h)anthracene	25.768	278	1693243	39.872	ng	100
92) Benzo(g,h,i)perylene	26.438	276	1623632	39.800	ng	100

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

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