Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040224\
Data File : BM044884.D
Acq On : 02 Apr 2024 18:40
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 03 00:25:35 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 :
SSTDICC080

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	115522	20.000	ng		0.00
21) Naphthalene-d8	10.427	136	494229	20.000	ng		0.00
39) Acenaphthene-d10	14.298	164	301363	20.000	ng		0.00
64) Phenanthrene-d10	17.056	188	610594	20.000	ng		0.00
76) Chrysene-d12	21.268	240	597202	20.000	ng		0.00
86) Perylene-d12	23.497	264	697435	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	1211651	158.352	ng		0.00
7) Phenol-d6	6.839	99	1641660	162.536	ng		0.00
23) Nitrobenzene-d5	8.816	82	1651410	164.554	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	719561	163.393	ng		0.00
45) 2-Fluorobiphenyl	12.916	172	3686171	165.900	ng		0.00
79) Terphenyl-d14	19.709	244	5814149	166.350	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	224659	75.396	ng		99
3) Pyridine	3.634	79	693083m	80.172	ng		
4) n-Nitrosodimethylamine	3.557	42	288642	76.824	ng		97
6) Aniline	6.998	93	955967	80.289	ng		99
8) 2-Chlorophenol	7.216	128	650955	79.668	ng		100
9) Benzaldehyde	6.816	77	323296	63.300	ng		95
10) Phenol	6.863	94	803140	80.617	ng		99
11) bis(2-Chloroethyl)ether	7.098	93	637439	78.204	ng		98
12) 1,3-Dichlorobenzene	7.534	146	666576	77.682	ng		99
13) 1,4-Dichlorobenzene	7.686	146	679980	78.797	ng		99
14) 1,2-Dichlorobenzene	7.992	146	663568	78.014	ng		100
15) Benzyl Alcohol	7.904	79	584657	84.465	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.186	45	720847m	76.651	ng		
17) 2-Methylphenol	8.092	107	585546	80.735	ng		96
18) Hexachloroethane	8.704	117	269551	80.237	ng		98
19) n-Nitroso-di-n-propyla...	8.469	70	543867	80.681	ng		98
20) 3+4-Methylphenols	8.428	107	817552	81.106	ng		97
22) Acetophenone	8.480	105	1045165	81.278	ng	#	98
24) Nitrobenzene	8.857	77	787950	80.280	ng		100
25) Isophorone	9.386	82	1426100	79.889	ng		99
26) 2-Nitrophenol	9.557	139	390188	86.789	ng		98
27) 2,4-Dimethylphenol	9.622	122	609148	81.058	ng		99
28) bis(2-Chloroethoxy)met...	9.863	93	879964	79.832	ng		98
29) 2,4-Dichlorophenol	10.080	162	635015	83.030	ng		98
30) 1,2,4-Trichlorobenzene	10.292	180	645043	80.694	ng		97
31) Naphthalene	10.480	128	2120941	79.402	ng		99
32) Benzoic acid	9.822	122	544443	86.584	ng		94
33) 4-Chloroaniline	10.604	127	953698	81.926	ng		99
34) Hexachlorobutadiene	10.745	225	366140	80.591	ng		97
35) Caprolactam	11.445	113	216380m	78.464	ng		
36) 4-Chloro-3-methylphenol	11.739	107	677428	81.760	ng		98
37) 2-Methylnaphthalene	12.098	142	1512808	78.816	ng		99
38) 1-Methylnaphthalene	12.321	142	1420462	78.174	ng		100
40) 1,2,4,5-Tetrachloroben...	12.468	216	686458	83.028	ng		99
41) Hexachlorocyclopentadiene	12.433	237	414954	89.462	ng		98
43) 2,4,6-Trichlorophenol	12.721	196	503698	86.013	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.792	196	592730	84.375	ng	98
46) 1,1'-Biphenyl	13.127	154	1848441	81.950	ng	99
47) 2-Chloronaphthalene	13.168	162	1411360	82.374	ng	98
48) 2-Nitroaniline	13.392	65	469609	86.666	ng	100
49) Acenaphthylene	14.021	152	2342702	82.158	ng	100
50) Dimethylphthalate	13.780	163	1876616	78.944	ng	100
51) 2,6-Dinitrotoluene	13.904	165	409513	82.008	ng	98
52) Acenaphthene	14.368	154	1392288	81.003	ng	99
53) 3-Nitroaniline	14.239	138	480240	85.579	ng	98
54) 2,4-Dinitrophenol	14.445	184	262357	79.725	ng	93
55) Dibenzofuran	14.704	168	2260995	79.791	ng	97
56) 4-Nitrophenol	14.545	139	373820	82.414	ng	98
57) 2,4-Dinitrotoluene	14.698	165	584911	83.754	ng	98
58) Fluorene	15.357	166	1843257	80.264	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.933	232	465220	79.761	ng	97
60) Diethylphthalate	15.151	149	1945121	79.572	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	886066	79.538	ng	97
62) 4-Nitroaniline	15.409	138	450205	86.358	ng	98
63) Azobenzene	15.651	77	1899388	80.564	ng	99
65) 4,6-Dinitro-2-methylph...	15.462	198	338687	87.550	ng	98
66) n-Nitrosodiphenylamine	15.580	169	1540129	83.360	ng	97
67) 4-Bromophenyl-phenylether	16.256	248	540663	82.976	ng	99
68) Hexachlorobenzene	16.356	284	613691	81.197	ng	100
69) Atrazine	16.545	200	471924	78.755	ng	98
70) Pentachlorophenol	16.709	266	459317	83.944	ng	98
71) Phenanthrene	17.103	178	2741879	80.788	ng	99
72) Anthracene	17.192	178	2809087	81.745	ng	100
73) Carbazole	17.474	167	2615117	80.840	ng	99
74) Di-n-butylphthalate	18.045	149	3540011	85.000	ng	100
75) Fluoranthene	19.127	202	3185398	79.312	ng	100
77) Benzidine	19.333	184	949632	85.204	ng	99
78) Pyrene	19.492	202	3354016	84.344	ng	100
80) Butylbenzylphthalate	20.415	149	1657613	90.330	ng	100
81) Benzo(a)anthracene	21.250	228	3357771	81.488	ng	99
82) 3,3'-Dichlorobenzidine	21.191	252	1219311	80.142	ng	98
83) Chrysene	21.303	228	3165405	80.945	ng	98
84) Bis(2-ethylhexyl)phtha...	21.191	149	2594485	88.512	ng	98
85) Di-n-octyl phthalate	22.080	149	4313250	88.416	ng	99
87) Indeno(1,2,3-cd)pyrene	25.762	276	4264296	81.488	ng	99
88) Benzo(b)fluoranthene	22.833	252	3489510	84.382	ng	99
89) Benzo(k)fluoranthene	22.880	252	3311583	80.639	ng	99
90) Benzo(a)pyrene	23.403	252	3348917	83.609	ng	100
91) Dibenzo(a,h)anthracene	25.773	278	3613761	82.008	ng	98
92) Benzo(g,h,i)perylene	26.444	276	3423290	80.869	ng	99

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

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