Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062724\
Data File : BM046335.D
Acq On : 27 Jun 2024 16:52
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 28 02:50:38 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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	82392	20.000	ng		0.00
21) Naphthalene-d8	10.140	136	361727	20.000	ng		0.01
39) Acenaphthene-d10	14.028	164	240009	20.000	ng		0.00
64) Phenanthrene-d10	16.780	188	495777	20.000	ng		0.00
76) Chrysene-d12	20.998	240	498526	20.000	ng		0.00
86) Perylene-d12	23.674	264	623639	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.052	112	49533	9.664	ng		0.00
7) Phenol-d6	6.640	99	65884	9.048	ng		0.00
23) Nitrobenzene-d5	8.552	82	82133	9.413	ng		0.01
42) 2,4,6-Tribromophenol	15.539	330	24753	8.481	ng		0.00
45) 2-Fluorobiphenyl	12.645	172	163760	9.248	ng		0.01
79) Terphenyl-d14	19.433	244	250883	8.326	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.040	88	11181	5.658	ng		92
3) Pyridine	3.452	79	24517m	4.445	ng		
4) n-Nitrosodimethylamine	3.358	42	20791	4.861	ng	#	89
6) Aniline	6.758	93	31030	4.692	ng		99
8) 2-Chlorophenol	6.975	128	27226	4.767	ng		98
9) Benzaldehyde	6.569	77	27327	5.189	ng		92
10) Phenol	6.669	94	35178m	4.881	ng		
11) bis(2-Chloroethyl)ether	6.846	93	29142	4.980	ng		96
12) 1,3-Dichlorobenzene	7.269	146	30582	4.830	ng		98
13) 1,4-Dichlorobenzene	7.416	146	33418	5.129	ng		95
14) 1,2-Dichlorobenzene	7.728	146	31803	4.951	ng		92
15) Benzyl Alcohol	7.681	79	25873	4.322	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	7.928	45	49971	5.018	ng		90
17) 2-Methylphenol	7.887	107	23751	4.727	ng		92
18) Hexachloroethane	8.440	117	14741	5.023	ng		96
19) n-Nitroso-di-n-propyla...	8.222	70	24846	4.495	ng		91
20) 3+4-Methylphenols	8.234	107	31788	4.362	ng	#	80
22) Acetophenone	8.234	105	44470	4.401	ng	#	95
24) Nitrobenzene	8.599	77	42010	4.901	ng		95
25) Isophorone	9.128	82	71663	4.843	ng	#	96
26) 2-Nitrophenol	9.299	139	11547	3.764	ng		98
27) 2,4-Dimethylphenol	9.410	122	16844	4.379	ng		96
28) bis(2-Chloroethoxy)met...	9.622	93	37664	4.607	ng		99
29) 2,4-Dichlorophenol	9.875	162	21206	4.083	ng		94
30) 1,2,4-Trichlorobenzene	10.010	180	28194	4.794	ng		99
31) Naphthalene	10.193	128	97328	4.910	ng		98
33) 4-Chloroaniline	10.387	127	28384	4.088	ng		97
34) Hexachlorobutadiene	10.481	225	17600	4.854	ng		98
35) Caprolactam	11.204	113	7952m	4.182	ng		
36) 4-Chloro-3-methylphenol	11.516	107	28576	4.422	ng		99
37) 2-Methylnaphthalene	11.828	142	63184	4.726	ng		91
38) 1-Methylnaphthalene	12.040	142	64190	4.856	ng		100
40) 1,2,4,5-Tetrachloroben...	12.198	216	30864	4.820	ng		97
43) 2,4,6-Trichlorophenol	12.475	196	16882	3.970	ng		98
44) 2,4,5-Trichlorophenol	12.563	196	23702m	4.837	ng		
46) 1,1'-Biphenyl	12.863	154	85584	4.763	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	12.892	162	65183	4.673	ng		99
48) 2-Nitroaniline	13.151	65	22931	4.141	ng		94
49) Acenaphthylene	13.745	152	99023	4.605	ng		99
50) Dimethylphthalate	13.534	163	81913	4.669	ng		99
51) 2,6-Dinitrotoluene	13.639	165	17305	4.429	ng		88
52) Acenaphthene	14.092	154	63153	4.725	ng		96
53) 3-Nitroaniline	14.004	138	15939	4.038	ng	#	97
55) Dibenzofuran	14.439	168	100879	4.710	ng		98
57) 2,4-Dinitrotoluene	14.451	165	23691	4.190	ng	#	98
58) Fluorene	15.086	166	83486	4.557	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.686	232	19899	4.818	ng		92
60) Diethylphthalate	14.898	149	90638	4.696	ng		99
61) 4-Chlorophenyl-phenyle...	15.092	204	38682	4.536	ng		92
62) 4-Nitroaniline	15.186	138	14818m	3.843	ng		
63) Azobenzene	15.386	77	110242	4.793	ng		98
66) n-Nitrosodiphenylamine	15.316	169	64787	4.499	ng		98
67) 4-Bromophenyl-phenylether	15.986	248	23269	4.597	ng		96
68) Hexachlorobenzene	16.086	284	28502	4.769	ng		98
69) Atrazine	16.292	200	21464	5.392	ng		96
70) Pentachlorophenol	16.469	266	14432	3.839	ng		98
71) Phenanthrene	16.822	178	125712	4.765	ng		98
72) Anthracene	16.922	178	118046	4.600	ng		100
73) Carbazole	17.222	167	116713	4.619	ng		99
74) Di-n-butylphthalate	17.775	149	143881	4.238	ng		99
75) Fluoranthene	18.851	202	145855	4.679	ng		98
77) Benzidine	19.098	184	24021	4.650	ng		95
78) Pyrene	19.216	202	154279	4.455	ng		98
80) Butylbenzylphthalate	20.139	149	65083	3.995	ng		94
81) Benzo(a)anthracene	20.980	228	155061	4.742	ng		99
82) 3,3'-Dichlorobenzidine	20.945	252	48059	4.582	ng		98
83) Chrysene	21.039	228	149687	4.786	ng		99
84) Bis(2-ethylhexyl)phtha...	20.933	149	95605	5.699	ng		97
85) Di-n-octyl phthalate	21.939	149	168830	4.099	ng		95
87) Indeno(1,2,3-cd)pyrene	26.627	276	197541	4.939	ng		99
88) Benzo(b)fluoranthene	22.839	252	158962	4.303	ng		99
89) Benzo(k)fluoranthene	22.898	252	172215	4.687	ng		99
90) Benzo(a)pyrene	23.545	252	146777	4.524	ng		98
91) Dibenzo(a,h)anthracene	26.668	278	163337	4.891	ng		98
92) Benzo(g,h,i)perylene	27.544	276	168049	5.080	ng		98

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

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