Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032824\
Data File : BM044800.D
Acq On : 28 Mar 2024 19:13
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 29 01:09:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 01:06:23 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/29/2024
Supervised By :mohammad ahmed 03/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	83011	20.000	ng		0.00
21) Naphthalene-d8	10.457	136	333978	20.000	ng		0.00
39) Acenaphthene-d10	14.321	164	175184	20.000	ng		0.00
64) Phenanthrene-d10	17.080	188	290244	20.000	ng		0.00
76) Chrysene-d12	21.274	240	206214	20.000	ng		0.00
86) Perylene-d12	23.515	264	256659	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	115641	19.952	ng		0.00
7) Phenol-d6	6.857	99	147798	19.659	ng		0.00
23) Nitrobenzene-d5	8.839	82	141610	19.114	ng		0.00
42) 2,4,6-Tribromophenol	15.821	330	35653	18.624	ng		0.00
45) 2-Fluorobiphenyl	12.939	172	267014	19.521	ng		0.00
79) Terphenyl-d14	19.721	244	237397	19.510	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	23488	10.254	ng		98
3) Pyridine	3.669	79	61659	9.579	ng		97
4) n-Nitrosodimethylamine	3.587	42	32224	9.542	ng	#	95
6) Aniline	7.016	93	85288	9.741	ng		98
8) 2-Chlorophenol	7.245	128	59225	10.088	ng		95
9) Benzaldehyde	6.840	77	44185	11.302	ng		97
10) Phenol	6.881	94	72337	9.745	ng		98
11) bis(2-Chloroethyl)ether	7.122	93	57884	9.906	ng		94
12) 1,3-Dichlorobenzene	7.563	146	62158	10.134	ng		96
13) 1,4-Dichlorobenzene	7.710	146	64020	10.272	ng		99
14) 1,2-Dichlorobenzene	8.022	146	61558	10.246	ng		99
15) Benzyl Alcohol	7.928	79	49582m	9.656	ng		
16) 2,2'-oxybis(1-Chloropr...	8.204	45	90348m	10.238	ng		
17) 2-Methylphenol	8.122	107	51764	9.878	ng		98
18) Hexachloroethane	8.734	117	23976	9.867	ng		98
19) n-Nitroso-di-n-propyla...	8.486	70	45881	10.085	ng		98
20) 3+4-Methylphenols	8.445	107	69360	9.795	ng		96
22) Acetophenone	8.504	105	87132	9.619	ng	#	99
24) Nitrobenzene	8.881	77	70485	9.739	ng		97
25) Isophorone	9.398	82	113967	9.540	ng		100
26) 2-Nitrophenol	9.586	139	29028	9.100	ng		94
27) 2,4-Dimethylphenol	9.645	122	49790	9.507	ng		95
28) bis(2-Chloroethoxy)met...	9.886	93	73386	9.772	ng		98
29) 2,4-Dichlorophenol	10.116	162	47871	9.418	ng		99
30) 1,2,4-Trichlorobenzene	10.316	180	51969	9.716	ng		100
31) Naphthalene	10.504	128	180404	9.834	ng		98
32) Benzoic acid	9.733	122	30488	7.755	ng		96
33) 4-Chloroaniline	10.633	127	70798	9.363	ng		98
34) Hexachlorobutadiene	10.775	225	30801	9.698	ng		100
35) Caprolactam	11.422	113	13438	9.074	ng		96
36) 4-Chloro-3-methylphenol	11.757	107	50773	9.606	ng		97
37) 2-Methylnaphthalene	12.127	142	116969	9.716	ng		97
38) 1-Methylnaphthalene	12.345	142	109945	9.799	ng		99
40) 1,2,4,5-Tetrachloroben...	12.492	216	54138	9.881	ng		98
41) Hexachlorocyclopentadiene	12.457	237	25679	8.733	ng		95
43) 2,4,6-Trichlorophenol	12.745	196	35512	9.684	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	39424	9.336	ng		99
46) 1,1'-Biphenyl	13.151	154	137252	9.681	ng		98
47) 2-Chloronaphthalene	13.192	162	103530	9.708	ng		99
48) 2-Nitroaniline	13.416	65	33429	9.050	ng		98
49) Acenaphthylene	14.045	152	162137	9.593	ng		99
50) Dimethylphthalate	13.792	163	119710	9.718	ng		100
51) 2,6-Dinitrotoluene	13.916	165	25432	9.527	ng		97
52) Acenaphthene	14.386	154	98395	9.840	ng		98
53) 3-Nitroaniline	14.251	138	26847	8.828	ng		97
54) 2,4-Dinitrophenol	14.468	184	9347	11.270	ng		95
55) Dibenzofuran	14.727	168	152755	9.737	ng		100
56) 4-Nitrophenol	14.574	139	18506	7.907	ng		92
57) 2,4-Dinitrotoluene	14.710	165	29577	8.830	ng		94
58) Fluorene	15.380	166	117266	9.727	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.957	232	28965	9.612	ng		98
60) Diethylphthalate	15.163	149	110940	9.593	ng		100
61) 4-Chlorophenyl-phenyle...	15.380	204	54455	9.519	ng		98
62) 4-Nitroaniline	15.421	138	25517m	8.738	ng		
63) Azobenzene	15.668	77	121632	9.438	ng		97
65) 4,6-Dinitro-2-methylph...	15.474	198	13530	7.491	ng		91
66) n-Nitrosodiphenylamine	15.598	169	94174	9.788	ng		98
67) 4-Bromophenyl-phenylether	16.274	248	30346	9.551	ng		97
68) Hexachlorobenzene	16.374	284	33967	9.876	ng		96
69) Atrazine	16.557	200	24767	9.418	ng		98
70) Pentachlorophenol	16.733	266	19750	8.676	ng		92
71) Phenanthrene	17.121	178	157584	9.732	ng		99
72) Anthracene	17.209	178	155242	9.492	ng		99
73) Carbazole	17.492	167	138834	9.506	ng		99
74) Di-n-butylphthalate	18.062	149	151388	9.439	ng		100
75) Fluoranthene	19.145	202	154053	9.531	ng		99
77) Benzidine	19.350	184	39701	8.929	ng		98
78) Pyrene	19.509	202	162416	9.884	ng		99
80) Butylbenzylphthalate	20.427	149	54970	9.198	ng		93
81) Benzo(a)anthracene	21.262	228	138632	9.644	ng		97
82) 3,3'-Dichlorobenzidine	21.209	252	46914	9.412	ng		98
83) Chrysene	21.315	228	134356	9.752	ng		98
84) Bis(2-ethylhexyl)phtha...	21.209	149	75494	9.268	ng	#	97
85) Di-n-octyl phthalate	22.091	149	131904	9.569	ng		98
87) Indeno(1,2,3-cd)pyrene	25.768	276	194517	9.977	ng		100
88) Benzo(b)fluoranthene	22.844	252	146396	10.066	ng		99
89) Benzo(k)fluoranthene	22.891	252	139506	9.552	ng		99
90) Benzo(a)pyrene	23.415	252	144024	9.758	ng		96
91) Dibenzo(a,h)anthracene	25.785	278	160389	9.933	ng		98
92) Benzo(g,h,i)perylene	26.456	276	167384	9.963	ng		98

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

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