Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040224\
Data File : BM044878.D
Acq On : 02 Apr 2024 15:03
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

Quant Time: Apr 03 00:17:12 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	63061	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	265105	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	179783	20.000	ng	0.00
64) Phenanthrene-d10	17.057	188	397066	20.000	ng	0.00
76) Chrysene-d12	21.268	240	443811	20.000	ng	0.00
86) Perylene-d12	23.503	264	590407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	38225	9.152	ng	0.00
7) Phenol-d6	6.834	99	47304	8.580	ng	0.00
23) Nitrobenzene-d5	8.810	82	48015	8.920	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	21385	8.140	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	122223	9.221	ng	0.00
79) Terphenyl-d14	19.709	244	227070	8.742	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	7515	4.620	ng	# 89
3) Pyridine	3.652	79	20098	4.259	ng	# 86
4) n-Nitrosodimethylamine	3.569	42	10680m	5.207	ng	
6) Aniline	6.993	93	28810	4.433	ng	97
8) 2-Chlorophenol	7.216	128	20485	4.593	ng	93
9) Benzaldehyde	6.816	77	15690	5.628	ng	92
10) Phenol	6.857	94	23896	4.394	ng	97
11) bis(2-Chloroethyl)ether	7.098	93	21111	4.745	ng	99
12) 1,3-Dichlorobenzene	7.540	146	22935	4.896	ng	96
13) 1,4-Dichlorobenzene	7.687	146	22407	4.757	ng	93
14) 1,2-Dichlorobenzene	7.998	146	22711	4.891	ng	93
15) Benzyl Alcohol	7.910	79	15294m	4.048	ng	
16) 2,2'-oxybis(1-Chloropr...	8.187	45	24177m	4.710	ng	
17) 2-Methylphenol	8.098	107	16073	4.060	ng	96
18) Hexachloroethane	8.704	117	8846	4.824	ng	97
19) n-Nitroso-di-n-propyla...	8.463	70	16369	4.448	ng	95
20) 3+4-Methylphenols	8.434	107	22303	4.053	ng	95
22) Acetophenone	8.481	105	32008	4.640	ng	# 98
24) Nitrobenzene	8.857	77	24505	4.655	ng	96
25) Isophorone	9.381	82	41672	4.352	ng	99
26) 2-Nitrophenol	9.563	139	9284	3.850	ng	98
27) 2,4-Dimethylphenol	9.622	122	18075	4.484	ng	96
28) bis(2-Chloroethoxy)met...	9.869	93	27428	4.639	ng	96
29) 2,4-Dichlorophenol	10.098	162	17045	4.155	ng	98
30) 1,2,4-Trichlorobenzene	10.292	180	20131	4.695	ng	93
31) Naphthalene	10.475	128	68150	4.756	ng	99
33) 4-Chloroaniline	10.616	127	26003	4.164	ng	97
34) Hexachlorobutadiene	10.739	225	11671	4.789	ng	98
35) Caprolactam	11.410	113	6036	4.081	ng	94
36) 4-Chloro-3-methylphenol	11.733	107	17647	3.971	ng	98
37) 2-Methylnaphthalene	12.098	142	49341	4.792	ng	99
38) 1-Methylnaphthalene	12.322	142	46421m	4.763	ng	
40) 1,2,4,5-Tetrachloroben...	12.469	216	22824	4.627	ng	98
43) 2,4,6-Trichlorophenol	12.727	196	13989m	4.004	ng	
44) 2,4,5-Trichlorophenol	12.804	196	18199	4.343	ng	91
46) 1,1'-Biphenyl	13.127	154	63977	4.755	ng	98

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.169	162	48545	4.749	ng		98
48) 2-Nitroaniline	13.398	65	12935	4.001	ng		90
49) Acenaphthylene	14.021	152	76625	4.504	ng		95
50) Dimethylphthalate	13.774	163	67936	4.791	ng	#	99
51) 2,6-Dinitrotoluene	13.898	165	13334	4.476	ng		96
52) Acenaphthene	14.363	154	47868	4.668	ng		95
53) 3-Nitroaniline	14.233	138	13575	4.055	ng	#	89
55) Dibenzofuran	14.704	168	80667	4.772	ng		97
57) 2,4-Dinitrotoluene	14.692	165	17514	4.204	ng	#	96
58) Fluorene	15.357	166	61487	4.488	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.933	232	15502	4.455	ng		97
60) Diethylphthalate	15.145	149	67382	4.621	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	31222	4.698	ng		94
62) 4-Nitroaniline	15.410	138	12228	3.932	ng		90
63) Azobenzene	15.651	77	64296	4.571	ng		99
66) n-Nitrosodiphenylamine	15.574	169	53724	4.472	ng		98
67) 4-Bromophenyl-phenylether	16.257	248	19571	4.619	ng		90
68) Hexachlorobenzene	16.351	284	22935	4.666	ng	#	94
69) Atrazine	16.545	200	17685	4.538	ng		96
71) Phenanthrene	17.098	178	103706	4.699	ng		99
72) Anthracene	17.192	178	100513	4.498	ng		99
73) Carbazole	17.480	167	93108	4.426	ng		97
74) Di-n-butylphthalate	18.045	149	113649	4.196	ng		98
75) Fluoranthene	19.127	202	122219	4.680	ng		98
77) Benzidine	19.345	184	33281	4.018	ng		98
78) Pyrene	19.492	202	130948	4.431	ng		99
80) Butylbenzylphthalate	20.415	149	52460	3.847	ng		98
81) Benzo(a)anthracene	21.250	228	144717	4.726	ng		100
82) 3,3'-Dichlorobenzidine	21.198	252	49389	4.368	ng		98
83) Chrysene	21.303	228	136969	4.713	ng		100
84) Bis(2-ethylhexyl)phtha...	21.198	149	85604	3.930	ng		97
85) Di-n-octyl phthalate	22.086	149	146243	4.034	ng		98
87) Indeno(1,2,3-cd)pyrene	25.750	276	204403	4.614	ng		99
88) Benzo(b)fluoranthene	22.833	252	157422	4.497	ng		96
89) Benzo(k)fluoranthene	22.880	252	157893	4.542	ng		99
90) Benzo(a)pyrene	23.403	252	150055	4.425	ng		97
91) Dibenzo(a,h)anthracene	25.768	278	172314	4.619	ng		98
92) Benzo(g,h,i)perylene	26.444	276	168779	4.710	ng		97

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

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