Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013024\
Data File : BP019482.D
Acq On : 30 Jan 2024 15:20
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

Quant Time: Jan 31 01:39:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 01:31:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	57541	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	241449	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	169824	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	406516	20.000	ng		0.00
76) Chrysene-d12	21.398	240	391158	20.000	ng		0.00
86) Perylene-d12	23.821	264	372119	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	39051	10.335	ng		0.00
7) Phenol-d6	7.081	99	52969	10.217	ng		0.00
23) Nitrobenzene-d5	9.081	82	58395	9.763	ng		0.00
42) 2,4,6-Tribromophenol	16.040	330	23719	10.043	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	131124	9.758	ng		0.00
79) Terphenyl-d14	19.875	244	245450	9.935	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	7619	5.282	ng		95
3) Pyridine	3.787	79	21705m	5.253	ng		
4) n-Nitrosodimethylamine	3.711	42	11667	5.140	ng	#	97
6) Aniline	7.246	93	26538	5.177	ng		99
8) 2-Chlorophenol	7.475	128	20234	5.225	ng		98
9) Benzaldehyde	7.064	77	19869m	3.077	ng		
10) Phenol	7.111	94	27253	5.260	ng		93
11) bis(2-Chloroethyl)ether	7.352	93	20312	5.249	ng		99
12) 1,3-Dichlorobenzene	7.805	146	24109	5.288	ng		98
13) 1,4-Dichlorobenzene	7.958	146	23645	5.136	ng		99
14) 1,2-Dichlorobenzene	8.263	146	23613	5.300	ng		98
15) Benzyl Alcohol	8.163	79	23363	5.286	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	27269	5.413	ng		91
17) 2-Methylphenol	8.363	107	18355	5.251	ng		97
18) Hexachloroethane	8.987	117	9602	5.177	ng		93
19) n-Nitroso-di-n-propyla...	8.728	70	20267	5.562	ng		97
20) 3+4-Methylphenols	8.687	107	26030	5.400	ng		95
22) Acetophenone	8.746	105	37499	5.144	ng		98
24) Nitrobenzene	9.128	77	29919	4.945	ng		98
25) Isophorone	9.646	82	55791	5.277	ng	#	96
26) 2-Nitrophenol	9.834	139	9584	4.380	ng		90
27) 2,4-Dimethylphenol	9.899	122	14689	5.144	ng		91
28) bis(2-Chloroethoxy)met...	10.146	93	29326	5.209	ng		96
29) 2,4-Dichlorophenol	10.363	162	19786	4.800	ng		97
30) 1,2,4-Trichlorobenzene	10.581	180	23595	4.866	ng		98
31) Naphthalene	10.769	128	68974	5.118	ng		98
32) Benzoic acid	9.963	122	13863m	4.733	ng		
33) 4-Chloroaniline	10.887	127	27305	5.275	ng		96
34) Hexachlorobutadiene	11.046	225	17127	4.906	ng		92
35) Caprolactam	11.646	113	8231m	5.864	ng		
36) 4-Chloro-3-methylphenol	12.004	107	26386	5.231	ng		97
37) 2-Methylnaphthalene	12.375	142	48258	5.171	ng		96
38) 1-Methylnaphthalene	12.599	142	48448	5.276	ng		99
40) 1,2,4,5-Tetrachloroben...	12.740	216	27918	4.662	ng		98
41) Hexachlorocyclopentadiene	12.710	237	11234	4.198	ng		92
43) 2,4,6-Trichlorophenol	12.981	196	18075	4.675	ng		90

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Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	20842	4.847	ng		94
46) 1,1'-Biphenyl	13.393	154	67115	4.992	ng		98
47) 2-Chloronaphthalene	13.428	162	52198	4.805	ng		99
48) 2-Nitroaniline	13.640	65	18263	4.778	ng		96
49) Acenaphthylene	14.275	152	79779	5.007	ng		98
50) Dimethylphthalate	14.022	163	71881	5.264	ng		97
51) 2,6-Dinitrotoluene	14.140	165	15214	5.026	ng		93
52) Acenaphthene	14.610	154	50440	5.111	ng		97
53) 3-Nitroaniline	14.463	138	14719	5.036	ng		99
54) 2,4-Dinitrophenol	14.669	184	6513	4.106	ng		99
55) Dibenzofuran	14.951	168	82853	5.160	ng		97
56) 4-Nitrophenol	14.763	139	12404	5.027	ng		93
57) 2,4-Dinitrotoluene	14.922	165	20498	4.922	ng		95
58) Fluorene	15.598	166	67602	5.155	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.175	232	18046	4.929	ng		97
60) Diethylphthalate	15.387	149	75382	5.323	ng		97
61) 4-Chlorophenyl-phenyle...	15.604	204	35569	5.059	ng		93
62) 4-Nitroaniline	15.622	138	16173	5.094	ng		95
63) Azobenzene	15.892	77	74590	5.228	ng		97
65) 4,6-Dinitro-2-methylph...	15.681	198	10117	4.227	ng		98
66) n-Nitrosodiphenylamine	15.816	169	59517	4.953	ng		95
67) 4-Bromophenyl-phenylether	16.498	248	23127	4.948	ng		95
68) Hexachlorobenzene	16.598	284	26823	5.092	ng		95
69) Atrazine	16.775	200	25123	5.842	ng		97
70) Pentachlorophenol	16.945	266	16531	4.630	ng		98
71) Phenanthrene	17.345	178	108793	5.063	ng		98
72) Anthracene	17.439	178	108546	5.019	ng		98
73) Carbazole	17.716	167	105150	5.121	ng		99
74) Di-n-butylphthalate	18.281	149	129638	5.111	ng		100
75) Fluoranthene	19.316	202	142642	5.187	ng		98
77) Benzidine	19.504	184	43262	5.008	ng		100
78) Pyrene	19.669	202	149780	5.068	ng		99
80) Butylbenzylphthalate	20.563	149	58807	4.954	ng		99
81) Benzo(a)anthracene	21.380	228	141654	5.045	ng		99
82) 3,3'-Dichlorobenzidine	21.316	252	51223	5.069	ng	#	97
83) Chrysene	21.433	228	131270	4.972	ng		98
84) Bis(2-ethylhexyl)phtha...	21.333	149	85394	4.948	ng	#	99
85) Di-n-octyl phthalate	22.280	149	132662	4.605	ng	#	98
87) Indeno(1,2,3-cd)pyrene	26.351	276	117331	4.321	ng		99
88) Benzo(b)fluoranthene	23.080	252	124550	5.185	ng		100
89) Benzo(k)fluoranthene	23.133	252	120183m	5.258	ng		
90) Benzo(a)pyrene	23.704	252	105408	4.993	ng	#	96
91) Dibenzo(a,h)anthracene	26.374	278	95969	4.299	ng		98
92) Benzo(g,h,i)perylene	27.121	276	95360	4.207	ng	#	97

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

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