Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091924\
Data File : BP021956.D
Acq On : 19 Sep 2024 18:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091924

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/22/2024

Quant Time: Sep 20 01:25:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	106476	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	399166	20.000	ng		0.00
39) Acenaphthene-d10	14.340	164	301010	20.000	ng		0.01
64) Phenanthrene-d10	17.128	188	719896	20.000	ng		-0.01
76) Chrysene-d12	21.569	240	826145	20.000	ng		0.00
86) Perylene-d12	24.863	264	985621	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	438906	77.466	ng		0.00
7) Phenol-d6	6.893	99	575100	78.189	ng		0.00
23) Nitrobenzene-d5	8.857	82	606510	80.399	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	457121	81.916	ng		-0.01
45) 2-Fluorobiphenyl	12.945	172	1604849	77.828	ng		0.00
79) Terphenyl-d14	19.863	244	3593232	81.703	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	88207	37.493	ng		99
3) Pyridine	3.652	79	236433m	37.681	ng		
4) n-Nitrosodimethylamine	3.558	42	122813	37.104	ng		97
6) Aniline	7.046	93	253335	39.196	ng		98
8) 2-Chlorophenol	7.287	128	237108	39.137	ng		95
9) Benzaldehyde	6.863	77	156439	40.677	ng		98
10) Phenol	6.922	94	283467	38.803	ng		97
11) bis(2-Chloroethyl)ether	7.140	93	217116	39.455	ng		98
12) 1,3-Dichlorobenzene	7.605	146	300623	39.303	ng		97
13) 1,4-Dichlorobenzene	7.746	146	302764	39.031	ng		98
14) 1,2-Dichlorobenzene	8.058	146	285036	38.285	ng		99
15) Benzyl Alcohol	7.946	79	227150	40.269	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.240	45	234916	40.025	ng		98
17) 2-Methylphenol	8.152	107	199217	40.367	ng		98
18) Hexachloroethane	8.781	117	111270	39.011	ng		99
19) n-Nitroso-di-n-propyla...	8.510	70	187798	41.079	ng		97
20) 3+4-Methylphenols	8.475	107	278221	39.936	ng		99
22) Acetophenone	8.522	105	383458	39.380	ng	#	100
24) Nitrobenzene	8.899	77	307342	40.119	ng		98
25) Isophorone	9.416	82	516356	41.517	ng		99
26) 2-Nitrophenol	9.599	139	138352	41.304	ng		100
27) 2,4-Dimethylphenol	9.657	122	160017	41.257	ng		96
28) bis(2-Chloroethoxy)met...	9.893	93	300192	40.255	ng		99
29) 2,4-Dichlorophenol	10.134	162	267684	40.661	ng		97
30) 1,2,4-Trichlorobenzene	10.340	180	323173	39.410	ng		100
31) Naphthalene	10.528	128	789642	39.645	ng		99
32) Benzoic acid	9.805	122	188668	41.608	ng		100
33) 4-Chloroaniline	10.634	127	287841	40.065	ng		98
34) Hexachlorobutadiene	10.822	225	254365	39.651	ng		98
35) Caprolactam	11.422	113	79673	40.666	ng		96
36) 4-Chloro-3-methylphenol	11.757	107	286686	40.590	ng		99
37) 2-Methylnaphthalene	12.134	142	584401	40.104	ng		99
38) 1-Methylnaphthalene	12.351	142	569045	39.551	ng		99
40) 1,2,4,5-Tetrachloroben...	12.510	216	405552	38.509	ng		100
41) Hexachlorocyclopentadiene	12.493	237	153789	39.303	ng		98
43) 2,4,6-Trichlorophenol	12.751	196	259978	40.220	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	290548	40.069	ng	97
46) 1,1'-Biphenyl	13.157	154	798716	38.916	ng	99
47) 2-Chloronaphthalene	13.204	162	654844	39.460	ng	98
48) 2-Nitroaniline	13.398	65	187951	41.476	ng	96
49) Acenaphthylene	14.051	152	921191	39.338	ng	100
50) Dimethylphthalate	13.793	163	870013	39.851	ng	100
51) 2,6-Dinitrotoluene	13.910	165	197211	40.539	ng	99
52) Acenaphthene	14.398	154	595382	39.066	ng	99
53) 3-Nitroaniline	14.240	138	175897	40.571	ng	98
54) 2,4-Dinitrophenol	14.445	184	119466	41.913	ng	99
55) Dibenzofuran	14.734	168	1007930	39.346	ng	100
56) 4-Nitrophenol	14.563	139	155510	41.208	ng	96
57) 2,4-Dinitrotoluene	14.704	165	283517	41.226	ng	98
58) Fluorene	15.404	166	838709	39.205	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	278481	39.794	ng	99
60) Diethylphthalate	15.175	149	895684	40.374	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	491610	39.472	ng	99
62) 4-Nitroaniline	15.416	138	193463	40.580	ng	94
63) Azobenzene	15.698	77	722345	39.347	ng	99
65) 4,6-Dinitro-2-methylph...	15.469	198	175686	42.104	ng	98
66) n-Nitrosodiphenylamine	15.622	169	719192	40.122	ng	98
67) 4-Bromophenyl-phenylether	16.304	248	340390	40.562	ng	96
68) Hexachlorobenzene	16.428	284	421096	40.247	ng	98
69) Atrazine	16.592	200	230304	35.859	ng	98
70) Pentachlorophenol	16.775	266	284733	40.450	ng	98
71) Phenanthrene	17.169	178	1350831	39.089	ng	99
72) Anthracene	17.269	178	1318636	39.418	ng	100
73) Carbazole	17.545	167	1292012	39.988	ng	100
74) Di-n-butylphthalate	18.145	149	1599157	42.142	ng	99
75) Fluoranthene	19.263	202	1961653	40.668	ng	99
77) Benzidine	19.463	184	577048	57.157	ng	99
78) Pyrene	19.639	202	2008291	40.184	ng	100
80) Butylbenzylphthalate	20.592	149	783458	43.953	ng	98
81) Benzo(a)anthracene	21.545	228	2150138	40.503	ng	99
82) 3,3'-Dichlorobenzidine	21.469	252	818582	42.500	ng	99
83) Chrysene	21.616	228	1977558	39.565	ng	100
84) Bis(2-ethylhexyl)phtha...	21.486	149	1165876	44.565	ng	99
85) Di-n-octyl phthalate	22.745	149	1995472	44.909	ng	100
87) Indeno(1,2,3-cd)pyrene	28.598	276	2580809m	39.370	ng	
88) Benzo(b)fluoranthene	23.821	252	2298686	39.435	ng	99
89) Benzo(k)fluoranthene	23.898	252	2195903	39.807	ng	100
90) Benzo(a)pyrene	24.710	252	2031702	40.460	ng	100
91) Dibenzo(a,h)anthracene	28.680	278	2120756	39.199	ng	99
92) Benzo(g,h,i)perylene	29.762	276	2195970	39.624	ng	99

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

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