Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
Data File : BP007372.D
Acq On : 08 Oct 2021 12:30
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
10/11/2021 2:11:49 PM

Quant Time: Oct 08 14:03:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 13:59:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	195666	20.00	ng		0.00
21) Naphthalene-d8	10.581	136	792399	20.00	ng		# 0.00
39) Acenaphthene-d10	14.427	164	534310	20.00	ng		0.00
64) Phenanthrene-d10	17.180	188	1124752	20.00	ng		# 0.00
76) Chrysene-d12	21.280	240	1116866	20.00	ng		0.00
86) Perylene-d12	23.633	264	1095381	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1072239	91.73	ng		0.00
7) Phenol-d6	6.969	99	1511996	94.64	ng		0.00
23) Nitrobenzene-d5	8.951	82	1319691	96.99	ng		0.00
42) 2,4,6-Tribromophenol	15.927	330	739274	106.72	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	3466281	92.94	ng		0.00
79) Terphenyl-d14	19.751	244	5610116	96.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	192668	40.76	ng		89
3) Pyridine	3.640	79	573699	44.35	ng	#	88
4) n-Nitrosodimethylamine	3.552	42	216093	48.73	ng	#	78
6) Aniline	7.116	93	859987	48.84	ng		98
8) 2-Chlorophenol	7.351	128	601590	47.36	ng		100
9) Benzaldehyde	6.928	77	394009m	43.78	ng		
10) Phenol	6.993	94	729503	47.36	ng		92
11) bis(2-Chloroethyl)ether	7.216	93	585015	48.12	ng		96
12) 1,3-Dichlorobenzene	7.669	146	667958	46.61	ng		96
13) 1,4-Dichlorobenzene	7.816	146	678893	46.47	ng		98
14) 1,2-Dichlorobenzene	8.134	146	659321	46.57	ng		98
15) Benzyl Alcohol	8.034	79	517892	50.61	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	671148	48.21	ng		90
17) 2-Methylphenol	8.240	107	510107	49.13	ng		94
18) Hexachloroethane	8.857	117	235984	48.11	ng		94
19) n-Nitroso-di-n-propyla...	8.604	70	433581	49.90	ng		97
20) 3+4-Methylphenols	8.575	107	716328	49.89	ng		96
22) Acetophenone	8.616	105	913006	47.82	ng	#	99
24) Nitrobenzene	8.992	77	636412	49.06	ng		96
25) Isophorone	9.528	82	1213904	51.16	ng		98
26) 2-Nitrophenol	9.704	139	357918	52.91	ng	#	87
27) 2,4-Dimethylphenol	9.769	122	520790	48.90	ng		96
28) bis(2-Chloroethoxy)met...	10.004	93	803367	47.99	ng		98
29) 2,4-Dichlorophenol	10.239	162	616264	49.60	ng		99
30) 1,2,4-Trichlorobenzene	10.445	180	670989	47.41	ng		97
31) Naphthalene	10.634	128	1904084	47.08	ng		99
32) Benzoic acid	9.975	122	470879	57.52	ng		94
33) 4-Chloroaniline	10.751	127	832028	49.80	ng		98
34) Hexachlorobutadiene	10.916	225	416694	49.17	ng		99
35) Caprolactam	11.581	113	213876	55.95	ng	#	75
36) 4-Chloro-3-methylphenol	11.892	107	641215	50.77	ng		97
37) 2-Methylnaphthalene	12.245	142	1370240	48.39	ng		96
38) 1-Methylnaphthalene	12.469	142	1336666	48.31	ng		98
40) 1,2,4,5-Tetrachloroben...	12.622	216	774062	47.31	ng		98
41) Hexachlorocyclopentadiene	12.592	237	289082	31.88	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	548862	49.16	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	590318	49.10	ng		96
46) 1,1'-Biphenyl	13.263	154	1837324	46.23	ng		100
47) 2-Chloronaphthalene	13.304	162	1437606	46.70	ng		97
48) 2-Nitroaniline	13.516	65	397151	52.91	ng		97
49) Acenaphthylene	14.151	152	2258271	47.63	ng		100
50) Dimethylphthalate	13.898	163	1853909	48.24	ng		100
51) 2,6-Dinitrotoluene	14.022	165	401415	51.14	ng		91
52) Acenaphthene	14.492	154	1338229	46.58	ng		100
53) 3-Nitroaniline	14.351	138	438268	51.64	ng		97
54) 2,4-Dinitrophenol	14.563	184	256367	56.69	ng		95
55) Dibenzofuran	14.827	168	2241361	46.76	ng		95
56) 4-Nitrophenol	14.675	139	348823	50.62	ng	#	83
57) 2,4-Dinitrotoluene	14.810	165	548161	52.92	ng		96
58) Fluorene	15.480	166	1768233	47.75	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	517812	49.05	ng		96
60) Diethylphthalate	15.263	149	1856076	49.84	ng		98
61) 4-Chlorophenyl-phenyle...	15.475	204	952499	48.68	ng		91
62) 4-Nitroaniline	15.516	138	458818	53.75	ng	#	83
63) Azobenzene	15.769	77	1607881	49.83	ng		94
65) 4,6-Dinitro-2-methylph...	15.580	198	374358	55.46	ng		97
66) n-Nitrosodiphenylamine	15.698	169	1577957	47.15	ng		99
67) 4-Bromophenyl-phenylether	16.369	248	603545	48.96	ng		96
68) Hexachlorobenzene	16.492	284	657781	48.28	ng		96
69) Atrazine	16.657	200	573074	48.58	ng		97
70) Pentachlorophenol	16.839	266	399209	47.18	ng		99
71) Phenanthrene	17.227	178	2832483	46.97	ng		99
72) Anthracene	17.316	178	2819011	47.78	ng		99
73) Carbazole	17.598	167	2753154	47.62	ng		99
74) Di-n-butylphthalate	18.145	149	3216167	50.20	ng		98
75) Fluoranthene	19.198	202	3360782	48.37	ng		97
77) Benzidine	19.380	184	1463015	42.62	ng		99
78) Pyrene	19.551	202	3448303	47.06	ng		98
80) Butylbenzylphthalate	20.427	149	1497274	51.02	ng		94
81) Benzo(a)anthracene	21.262	228	3456799	47.68	ng		98
82) 3,3'-Dichlorobenzidine	21.198	252	1253276	50.34	ng		98
83) Chrysene	21.315	228	3271768	47.22	ng		98
84) Bis(2-ethylhexyl)phtha...	21.186	149	2128381	50.45	ng		98
85) Di-n-octyl phthalate	22.092	149	3688355	51.35	ng		99
87) Indeno(1,2,3-cd)pyrene	26.109	276	3465136	44.02	ng	#	96
88) Benzo(b)fluoranthene	22.915	252	3202418m	48.92	ng		
89) Benzo(k)fluoranthene	22.968	252	3288000	49.61	ng		98
90) Benzo(a)pyrene	23.533	252	2712476	48.77	ng	#	98
91) Dibenzo(a,h)anthracene	26.121	278	2916430	44.21	ng	#	97
92) Benzo(g,h,i)perylene	26.868	276	2672019	41.50	ng	#	96

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

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