Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
Data File : BP007375.D
Acq On : 08 Oct 2021 15:09
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP100821

Manual Integrations APPROVED
mohammad
10/11/2021 2:11:58 PM

Quant Time: Oct 08 16:31:42 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 15:35:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	188868	20.00	ng		0.00
21) Naphthalene-d8	10.575	136	772344	20.00	ng		# 0.00
39) Acenaphthene-d10	14.428	164	514850	20.00	ng		0.00
64) Phenanthrene-d10	17.187	188	697043	20.00	ng		0.00
76) Chrysene-d12	21.286	240	730291	20.00	ng		0.00
86) Perylene-d12	23.645	264	706541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	892579	77.87	ng		-0.01
7) Phenol-d6	6.958	99	1228244	79.82	ng		0.00
23) Nitrobenzene-d5	8.940	82	1045684	79.74	ng		-0.01
42) 2,4,6-Tribromophenol	15.928	330	574249	68.00	ng		0.00
45) 2-Fluorobiphenyl	13.052	172	2793562	75.82	ng		0.00
79) Terphenyl-d14	19.757	244	3189339	77.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	182735	46.53	ng		89
3) Pyridine	3.634	79	518683	41.58	ng	#	86
4) n-Nitrosodimethylamine	3.546	42	200350	42.96	ng	#	85
6) Aniline	7.105	93	688594	40.34	ng		98
8) 2-Chlorophenol	7.340	128	485146	39.10	ng		99
9) Benzaldehyde	6.917	77	330477m	37.11	ng		
10) Phenol	6.981	94	585108	39.76	ng		92
11) bis(2-Chloroethyl)ether	7.205	93	462687	39.23	ng		96
12) 1,3-Dichlorobenzene	7.658	146	537132	38.40	ng		97
13) 1,4-Dichlorobenzene	7.811	146	549526	39.12	ng		97
14) 1,2-Dichlorobenzene	8.122	146	530768	39.02	ng		98
15) Benzyl Alcohol	8.022	79	405640	40.62	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.311	45	530586	39.10	ng		90
17) 2-Methylphenol	8.228	107	404791	39.85	ng		94
18) Hexachloroethane	8.846	117	188530	39.71	ng		95
19) n-Nitroso-di-n-propyla...	8.593	70	348187	39.90	ng		98
20) 3+4-Methylphenols	8.563	107	561479	39.44	ng		95
22) Acetophenone	8.605	105	727088	40.02	ng	#	99
24) Nitrobenzene	8.987	77	497622	40.22	ng		96
25) Isophorone	9.516	82	960634	38.82	ng		98
26) 2-Nitrophenol	9.693	139	284845	41.21	ng		90
27) 2,4-Dimethylphenol	9.763	122	420143	40.93	ng		97
28) bis(2-Chloroethoxy)met...	9.993	93	663243	39.90	ng		99
29) 2,4-Dichlorophenol	10.234	162	495891	40.17	ng		100
30) 1,2,4-Trichlorobenzene	10.440	180	545859	39.25	ng		97
31) Naphthalene	10.628	128	1540986	38.99	ng		99
32) Benzoic acid	9.958	122	383369	46.29	ng		96
33) 4-Chloroaniline	10.746	127	671821	41.08	ng		99
34) Hexachlorobutadiene	10.905	225	337137	40.63	ng		99
35) Caprolactam	11.569	113	171055	43.82	ng	#	78
36) 4-Chloro-3-methylphenol	11.887	107	515708	41.67	ng		97
37) 2-Methylnaphthalene	12.246	142	1112806	44.97	ng		95
38) 1-Methylnaphthalene	12.463	142	1084088	44.63	ng		99
40) 1,2,4,5-Tetrachloroben...	12.616	216	618771	37.00	ng		98
41) Hexachlorocyclopentadiene	12.587	237	219699	39.61	ng		98
43) 2,4,6-Trichlorophenol	12.863	196	440887	38.52	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	472485	38.12	ng		96
46) 1,1'-Biphenyl	13.263	154	1495954	38.70	ng		99
47) 2-Chloronaphthalene	13.304	162	1149554	38.12	ng		97
48) 2-Nitroaniline	13.516	65	321604	41.19	ng		94
49) Acenaphthylene	14.151	152	1821916	39.14	ng		100
50) Dimethylphthalate	13.899	163	1500963	37.83	ng		100
51) 2,6-Dinitrotoluene	14.016	165	317526	38.45	ng		95
52) Acenaphthene	14.493	154	1080362	39.32	ng		100
53) 3-Nitroaniline	14.346	138	347791	41.06	ng		98
54) 2,4-Dinitrophenol	14.563	184	198981	42.99	ng		95
55) Dibenzofuran	14.828	168	1801631	37.78	ng		96
56) 4-Nitrophenol	14.675	139	273409	41.16	ng	#	84
57) 2,4-Dinitrotoluene	14.810	165	430984	38.14	ng		97
58) Fluorene	15.481	166	1413144	38.28	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.063	232	412596	36.43	ng		96
60) Diethylphthalate	15.257	149	1477912	37.48	ng		98
61) 4-Chlorophenyl-phenyle...	15.475	204	759886	36.95	ng		92
62) 4-Nitroaniline	15.516	138	360667	39.79	ng	#	82
63) Azobenzene	15.769	77	1284975	39.81	ng		95
65) 4,6-Dinitro-2-methylph...	15.581	198	291409	60.69	ng		98
66) n-Nitrosodiphenylamine	15.693	169	1262252	64.76	ng		99
67) 4-Bromophenyl-phenylether	16.375	248	473373	52.62	ng		94
68) Hexachlorobenzene	16.492	284	517710	62.01	ng		97
69) Atrazine	16.657	200	431803	62.19	ng		98
70) Pentachlorophenol	16.840	266	274699	50.55	ng		100
71) Phenanthrene	17.228	178	1439213	39.10	ng		100
72) Anthracene	17.322	178	1417342	36.44	ng		100
73) Carbazole	17.598	167	1364682	36.01	ng		99
74) Di-n-butylphthalate	18.151	149	1625644	36.96	ng		99
75) Fluoranthene	19.204	202	1769082	37.27	ng		99
77) Benzidine	19.386	184	783426	36.96	ng		99
78) Pyrene	19.557	202	1797609	35.75	ng		99
80) Butylbenzylphthalate	20.433	149	738235	38.00	ng		90
81) Benzo(a)anthracene	21.269	228	1815191	38.48	ng		100
82) 3,3'-Dichlorobenzidine	21.204	252	666764	39.27	ng		97
83) Chrysene	21.322	228	1733924	39.05	ng		99
84) Bis(2-ethylhexyl)phtha...	21.192	149	1025439	37.93	ng		97
85) Di-n-octyl phthalate	22.104	149	1710630	37.10	ng		98
87) Indeno(1,2,3-cd)pyrene	26.116	276	2253531	46.60	ng		98
88) Benzo(b)fluoranthene	22.927	252	1748784	42.13	ng		99
89) Benzo(k)fluoranthene	22.974	252	1662831	40.12	ng		99
90) Benzo(a)pyrene	23.545	252	1401099	39.23	ng		98
91) Dibenzo(a,h)anthracene	26.133	278	1906343	47.09	ng		97
92) Benzo(g,h,i)perylene	26.874	276	1760236	46.47	ng	#	96

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

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