Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032221\
Data File : BP005013.D
Acq On : 22 Mar 2021 12:13
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
3/23/2021 11:22:24 AM

Quant Time: Mar 22 12:49:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 22 12:45:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	41104	20.00	ng		0.00
21) Naphthalene-d8	10.516	136	163895	20.00	ng		0.00
39) Acenaphthene-d10	14.375	164	106406	20.00	ng		0.00
64) Phenanthrene-d10	17.134	188	220459	20.00	ng		# 0.00
76) Chrysene-d12	21.228	240	218837	20.00	ng		0.00
86) Perylene-d12	23.516	264	226673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.317	112	199365	76.85	ng		0.00
7) Phenol-d6	6.899	99	277543	78.65	ng		0.00
23) Nitrobenzene-d5	8.881	82	245650	69.95	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	131329	95.13	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	614041	77.66	ng		0.00
79) Terphenyl-d14	19.704	244	994761	83.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	38664	36.50	ng		98
3) Pyridine	3.652	79	98271	36.48	ng		97
4) n-Nitrosodimethylamine	3.564	42	36825	33.71	ng	#	73
6) Aniline	7.058	93	154768	39.04	ng		92
8) 2-Chlorophenol	7.287	128	115685	40.49	ng		93
9) Benzaldehyde	6.869	77	60244	29.66	ng		89
10) Phenol	6.922	94	139011	38.97	ng		91
11) bis(2-Chloroethyl)ether	7.152	93	99867	38.32	ng		97
12) 1,3-Dichlorobenzene	7.611	146	125576	39.27	ng	#	93
13) 1,4-Dichlorobenzene	7.758	146	127850m	39.38	ng		
14) 1,2-Dichlorobenzene	8.075	146	122356	39.06	ng		95
15) Benzyl Alcohol	7.969	79	99716	35.40	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.258	45	78953	45.08	ng		96
17) 2-Methylphenol	8.169	107	96913	40.22	ng		95
18) Hexachloroethane	8.793	117	46694	37.96	ng		89
19) n-Nitroso-di-n-propyla...	8.534	70	80316	35.16	ng		92
20) 3+4-Methylphenols	8.499	107	130981	39.49	ng		96
22) Acetophenone	8.546	105	169862	38.39	ng	#	94
24) Nitrobenzene	8.922	77	124665	34.10	ng		89
25) Isophorone	9.452	82	232475	36.63	ng		93
26) 2-Nitrophenol	9.634	139	64235	40.55	ng	#	82
27) 2,4-Dimethylphenol	9.699	122	99573	40.32	ng		94
28) bis(2-Chloroethoxy)met...	9.934	93	125518	38.56	ng		98
29) 2,4-Dichlorophenol	10.163	162	110825	39.47	ng		95
30) 1,2,4-Trichlorobenzene	10.375	180	119371	38.09	ng		94
31) Naphthalene	10.563	128	369693	39.60	ng		100
32) Benzoic acid	9.840	122	71967	39.43	ng		84
33) 4-Chloroaniline	10.681	127	153925	41.12	ng	#	93
34) Hexachlorobutadiene	10.846	225	73293	35.28	ng		98
35) Caprolactam	11.469	113	36973	41.68	ng		92
36) 4-Chloro-3-methylphenol	11.810	107	127857	38.42	ng		90
37) 2-Methylnaphthalene	12.181	142	270161	39.82	ng		97
38) 1-Methylnaphthalene	12.404	142	254293	39.68	ng		100
40) 1,2,4,5-Tetrachloroben...	12.552	216	127358	37.55	ng	#	98
41) Hexachlorocyclopentadiene	12.528	237	75085	37.97	ng		96
43) 2,4,6-Trichlorophenol	12.799	196	92735	38.85	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	101963	39.59	ng	#	94
46) 1,1'-Biphenyl	13.204	154	324663	39.40	ng		99
47) 2-Chloronaphthalene	13.246	162	262083	39.28	ng		96
48) 2-Nitroaniline	13.457	65	70868	35.02	ng	#	76
49) Acenaphthylene	14.099	152	419182	39.61	ng		99
50) Dimethylphthalate	13.840	163	331514	39.44	ng		99
51) 2,6-Dinitrotoluene	13.957	165	77976	40.09	ng	#	76
52) Acenaphthene	14.440	154	254781	39.43	ng		97
53) 3-Nitroaniline	14.287	138	78127	41.20	ng		83
54) 2,4-Dinitrophenol	14.493	184	47043	39.64	ng	#	85
55) Dibenzofuran	14.775	168	411148	38.67	ng		98
56) 4-Nitrophenol	14.604	139	63393	40.55	ng		76
57) 2,4-Dinitrotoluene	14.746	165	105857	39.83	ng	#	75
58) Fluorene	15.428	166	335406	38.71	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.004	232	91280	38.46	ng		97
60) Diethylphthalate	15.210	149	337410	38.83	ng		99
61) 4-Chlorophenyl-phenyle...	15.428	204	165225	36.91	ng		95
62) 4-Nitroaniline	15.457	138	82996	41.37	ng	#	78
63) Azobenzene	15.722	77	295932	33.42	ng		90
65) 4,6-Dinitro-2-methylph...	15.510	198	69049	43.27	ng		86
66) n-Nitrosodiphenylamine	15.645	169	293621	40.95	ng		97
67) 4-Bromophenyl-phenylether	16.328	248	104771	40.92	ng		97
68) Hexachlorobenzene	16.434	284	122330	43.61	ng		98
69) Atrazine	16.604	200	99366	39.69	ng		98
70) Pentachlorophenol	16.781	266	82916	46.11	ng		100
71) Phenanthrene	17.181	178	523446	40.44	ng		99
72) Anthracene	17.269	178	513674	40.34	ng		99
73) Carbazole	17.545	167	491152	40.21	ng		100
74) Di-n-butylphthalate	18.104	149	566491	40.83	ng	#	99
75) Fluoranthene	19.151	202	601660	38.81	ng		98
77) Benzidine	19.339	184	217953	38.05	ng		99
78) Pyrene	19.504	202	616559	41.11	ng		99
80) Butylbenzylphthalate	20.386	149	254042	42.39	ng		89
81) Benzo(a)anthracene	21.210	228	594981	39.56	ng		97
82) 3,3'-Dichlorobenzidine	21.151	252	213327	40.44	ng		100
83) Chrysene	21.263	228	589219	40.05	ng		98
84) Bis(2-ethylhexyl)phtha...	21.145	149	368852	41.68	ng	#	97
85) Di-n-octyl phthalate	22.027	149	628820	41.84	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.868	276	705562	41.31	ng		99
88) Benzo(b)fluoranthene	22.822	252	638028	39.32	ng		100
89) Benzo(k)fluoranthene	22.869	252	614386	39.75	ng		99
90) Benzo(a)pyrene	23.416	252	574695	39.36	ng		99
91) Dibenzo(a,h)anthracene	25.880	278	614528	41.36	ng		98
92) Benzo(g,h,i)perylene	26.580	276	587902	40.97	ng		97

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

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