Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020521\
Data File : BP004683.D
Acq On : 05 Feb 2021 16:58
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 05 17:42:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 05 16:02:44 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
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2/8/2021 12:19:14 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	53541	20.00	ng		0.00
21) Naphthalene-d8	10.569	136	193394	20.00	ng		# 0.00
39) Acenaphthene-d10	14.422	164	122883	20.00	ng		0.00
64) Phenanthrene-d10	17.175	188	261523	20.00	ng		0.00
76) Chrysene-d12	21.263	240	273667	20.00	ng		0.00
86) Perylene-d12	23.568	264	262896	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	535059	174.18	ng		0.00
7) Phenol-d6	6.946	99	752996	178.97	ng		0.00
23) Nitrobenzene-d5	8.940	82	732146	214.03	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	272910	127.74	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	1625241	171.93	ng		0.00
79) Terphenyl-d14	19.745	244	2667738	178.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	109162	87.90	ng	#	92
3) Pyridine	3.681	79	310066m	93.18	ng		
4) n-Nitrosodimethylamine	3.593	42	126298	120.05	ng	#	59
6) Aniline	7.110	93	417321	87.19	ng	#	89
8) 2-Chlorophenol	7.340	128	278295	79.78	ng		86
9) Benzaldehyde	6.916	77	132169	63.72	ng	#	78
10) Phenol	6.975	94	360264	89.31	ng		77
11) bis(2-Chloroethyl)ether	7.205	93	268059	83.03	ng		94
12) 1,3-Dichlorobenzene	7.663	146	333119	77.23	ng	#	90
13) 1,4-Dichlorobenzene	7.810	146	333298	76.39	ng	#	95
14) 1,2-Dichlorobenzene	8.128	146	320988	77.03	ng	#	94
15) Benzyl Alcohol	8.016	79	293322	107.60	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.299	45	215946	63.07	ng		93
17) 2-Methylphenol	8.216	107	245474	86.24	ng	#	88
18) Hexachloroethane	8.852	117	130554	86.58	ng		93
19) n-Nitroso-di-n-propyla...	8.587	70	230467	97.66	ng	#	88
20) 3+4-Methylphenols	8.552	107	333017	85.74	ng		90
22) Acetophenone	8.599	105	457000	95.73	ng	#	91
24) Nitrobenzene	8.975	77	353358	105.57	ng	#	79
25) Isophorone	9.504	82	595201	96.49	ng	#	90
26) 2-Nitrophenol	9.687	139	152179	82.48	ng	#	67
27) 2,4-Dimethylphenol	9.746	122	218450	85.49	ng	#	85
28) bis(2-Chloroethoxy)met...	9.987	93	362826	85.72	ng		96
29) 2,4-Dichlorophenol	10.216	162	273208	80.51	ng		94
30) 1,2,4-Trichlorobenzene	10.434	180	319429	78.25	ng		98
31) Naphthalene	10.622	128	890114	83.80	ng		100
32) Benzoic acid	9.916	122	197619	106.85	ng	#	69
33) 4-Chloroaniline	10.734	127	379957	82.83	ng	#	88
34) Hexachlorobutadiene	10.910	225	217453	79.26	ng		98
35) Caprolactam	11.528	113	91323m	84.28	ng		
36) 4-Chloro-3-methylphenol	11.863	107	318502	98.57	ng		84
37) 2-Methylnaphthalene	12.234	142	640440	82.01	ng	#	93
38) 1-Methylnaphthalene	12.457	142	604170	81.49	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	357656	81.02	ng	#	98
41) Hexachlorocyclopentadiene	12.587	237	204064	129.46	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	233800	81.37	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	240192	80.45	ng	#	93
46) 1,1'-Biphenyl	13.257	154	818527	83.33	ng		98
47) 2-Chloronaphthalene	13.293	162	672231	82.68	ng		96
48) 2-Nitroaniline	13.498	65	220433	117.24	ng	#	61
49) Acenaphthylene	14.145	152	1006194	82.84	ng		99
50) Dimethylphthalate	13.887	163	855888	84.05	ng		100
51) 2,6-Dinitrotoluene	14.004	165	182872	84.24	ng	#	63
52) Acenaphthene	14.492	154	627154	84.70	ng		99
53) 3-Nitroaniline	14.334	138	193795	82.02	ng	#	71
54) 2,4-Dinitrophenol	14.534	184	116881	119.30	ng	#	73
55) Dibenzofuran	14.822	168	980249	81.76	ng		95
56) 4-Nitrophenol	14.639	139	154273	94.06	ng	#	47
57) 2,4-Dinitrotoluene	14.792	165	254887	85.89	ng	#	66
58) Fluorene	15.475	166	828174	86.52	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.051	232	224445m	80.09	ng		
60) Diethylphthalate	15.257	149	872315	87.60	ng		99
61) 4-Chlorophenyl-phenyle...	15.475	204	453963	83.92	ng		100
62) 4-Nitroaniline	15.504	138	216371	86.71	ng	#	58
63) Azobenzene	15.769	77	819334	108.67	ng		85
65) 4,6-Dinitro-2-methylph...	15.551	198	147781	97.01	ng		83
66) n-Nitrosodiphenylamine	15.692	169	703704	86.80	ng		98
67) 4-Bromophenyl-phenylether	16.369	248	274897	78.65	ng		92
68) Hexachlorobenzene	16.481	284	296989	71.13	ng	#	91
69) Atrazine	16.645	200	224920	78.87	ng		99
70) Pentachlorophenol	16.822	266	181606	96.93	ng		98
71) Phenanthrene	17.222	178	1270706	84.75	ng		99
72) Anthracene	17.310	178	1261316	86.81	ng		100
73) Carbazole	17.581	167	1168313	86.27	ng		99
74) Di-n-butylphthalate	18.145	149	1501804	91.76	ng	#	98
75) Fluoranthene	19.192	202	1548543	84.88	ng		98
78) Pyrene	19.539	202	1576239	84.65	ng		99
80) Butylbenzylphthalate	20.416	149	672228	89.25	ng	#	79
81) Benzo(a)anthracene	21.245	228	1560802	83.85	ng		99
82) 3,3'-Dichlorobenzidine	21.180	252	489591	72.96	ng		99
83) Chrysene	21.298	228	1495895	84.43	ng		98
84) Bis(2-ethylhexyl)phtha...	21.174	149	993599	92.39	ng		99
85) Di-n-octyl phthalate	22.074	149	1624024	88.93	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.951	276	1733775	85.46	ng		96
88) Benzo(b)fluoranthene	22.874	252	1605763	94.37	ng		98
89) Benzo(k)fluoranthene	22.921	252	1474570	90.87	ng		97
90) Benzo(a)pyrene	23.474	252	1432974	90.28	ng	#	98
91) Dibenzo(a,h)anthracene	25.968	278	1448466	86.52	ng		97
92) Benzo(g,h,i)perylene	26.686	276	1379734	83.69	ng	#	95

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

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