Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032321\
Data File : BP005021.D
Acq On : 23 Mar 2021 12:59
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 23 15:18:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 15:16:38 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	27533	20.00	ng		0.00
21) Naphthalene-d8	10.510	136	105502	20.00	ng		# 0.00
39) Acenaphthene-d10	14.375	164	69967	20.00	ng		0.00
64) Phenanthrene-d10	17.134	188	158236	20.00	ng		# 0.00
76) Chrysene-d12	21.227	240	169023	20.00	ng		0.00
86) Perylene-d12	23.510	264	169477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.316	112	17240	9.89	ng		0.00
7) Phenol-d6	6.893	99	23676	10.00	ng		0.00
23) Nitrobenzene-d5	8.881	82	23146	11.68	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	8042	8.14	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	49501	9.70	ng		0.00
79) Terphenyl-d14	19.704	244	84928	9.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	4136	6.03	ng		95
3) Pyridine	3.693	79	7444	4.46	ng	#	82
4) n-Nitrosodimethylamine	3.581	42	3104	4.94	ng	#	82
6) Aniline	7.052	93	13897	5.32	ng	#	83
8) 2-Chlorophenol	7.287	128	9110	4.65	ng		83
10) Phenol	6.922	94	12668	5.38	ng		77
11) bis(2-Chloroethyl)ether	7.152	93	9038	5.30	ng		94
12) 1,3-Dichlorobenzene	7.611	146	10162	4.74	ng	#	88
13) 1,4-Dichlorobenzene	7.758	146	10594	4.84	ng	#	90
14) 1,2-Dichlorobenzene	8.069	146	10050	4.78	ng		93
15) Benzyl Alcohol	7.969	79	8753	5.41	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.258	45	6800	4.96	ng		92
17) 2-Methylphenol	8.163	107	7744	4.80	ng	#	84
18) Hexachloroethane	8.793	117	4136	5.25	ng		93
19) n-Nitroso-di-n-propyla...	8.528	70	7485	5.73	ng	#	87
20) 3+4-Methylphenols	8.493	107	10265	4.68	ng		86
22) Acetophenone	8.546	105	14126	5.21	ng	#	89
24) Nitrobenzene	8.922	77	12783	6.24	ng	#	77
25) Isophorone	9.452	82	20390	5.56	ng	#	88
26) 2-Nitrophenol	9.634	139	4342	4.30	ng	#	63
27) 2,4-Dimethylphenol	9.693	122	7553	4.81	ng		86
28) bis(2-Chloroethoxy)met...	9.934	93	10423	5.23	ng		99
29) 2,4-Dichlorophenol	10.169	162	8001	4.61	ng		85
30) 1,2,4-Trichlorobenzene	10.375	180	9835	5.17	ng		99
31) Naphthalene	10.563	128	28334	4.72	ng		97
33) 4-Chloroaniline	10.687	127	10809	4.52	ng	#	82
34) Hexachlorobutadiene	10.840	225	6295	5.49	ng		96
35) Caprolactam	11.463	113	2467m	4.50	ng		
36) 4-Chloro-3-methylphenol	11.810	107	9426	4.73	ng	#	91
37) 2-Methylnaphthalene	12.181	142	20215	4.76	ng	#	93
38) 1-Methylnaphthalene	12.404	142	18997	4.79	ng	#	94
40) 1,2,4,5-Tetrachloroben...	12.551	216	10864	5.18	ng	#	97
41) Hexachlorocyclopentadiene	12.528	237	4961	4.26	ng		100
43) 2,4,6-Trichlorophenol	12.798	196	6826	4.55	ng		96
44) 2,4,5-Trichlorophenol	12.869	196	7513	4.65	ng	#	86
46) 1,1'-Biphenyl	13.204	154	25226	4.63	ng		94

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.240	162	20676	4.74	ng		95
48) 2-Nitroaniline	13.451	65	5306	4.60	ng	#	55
49) Acenaphthylene	14.093	152	31028	4.48	ng		97
50) Dimethylphthalate	13.834	163	25226	4.65	ng	#	96
51) 2,6-Dinitrotoluene	13.951	165	5906	4.75	ng	#	56
52) Acenaphthene	14.434	154	19891	4.68	ng		92
53) 3-Nitroaniline	14.287	138	4872	3.95	ng	#	44
55) Dibenzofuran	14.775	168	32379	4.75	ng		96
56) 4-Nitrophenol	14.604	139	3418	3.26	ng	#	45
57) 2,4-Dinitrotoluene	14.745	165	7025	4.17	ng	#	48
58) Fluorene	15.428	166	25839	4.66	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.004	232	7205	5.06	ng		98
60) Diethylphthalate	15.204	149	24106	4.43	ng		97
61) 4-Chlorophenyl-phenyle...	15.428	204	14746	5.45	ng	#	89
62) 4-Nitroaniline	15.457	138	4261	3.35	ng	#	46
63) Azobenzene	15.716	77	27928	5.61	ng		84
65) 4,6-Dinitro-2-methylph...	15.504	198	4101	3.67	ng	#	71
66) n-Nitrosodiphenylamine	15.640	169	23189	4.40	ng	#	89
67) 4-Bromophenyl-phenylether	16.322	248	8253	4.58	ng		97
68) Hexachlorobenzene	16.434	284	9806	4.64	ng		94
69) Atrazine	16.598	200	7445	4.51	ng		92
70) Pentachlorophenol	16.781	266	5593	4.11	ng		96
71) Phenanthrene	17.175	178	43127	4.63	ng		96
72) Anthracene	17.263	178	40257	4.43	ng		96
73) Carbazole	17.539	167	37847	4.33	ng		95
74) Di-n-butylphthalate	18.098	149	37602	3.83	ng	#	97
75) Fluoranthene	19.151	202	49253	4.67	ng		99
77) Benzidine	19.339	184	18569	5.29	ng		95
78) Pyrene	19.504	202	51905	4.43	ng		96
80) Butylbenzylphthalate	20.380	149	16323	3.43	ng	#	68
81) Benzo(a)anthracene	21.210	228	52732	4.65	ng		97
82) 3,3'-Dichlorobenzidine	21.151	252	16392	4.25	ng	#	90
83) Chrysene	21.263	228	52632	4.75	ng		95
84) Bis(2-ethylhexyl)phtha...	21.139	149	24258	3.49	ng		93
85) Di-n-octyl phthalate	22.027	149	41572	3.55	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.851	276	56677	4.37	ng		97
88) Benzo(b)fluoranthene	22.816	252	54522	4.60	ng	#	97
89) Benzo(k)fluoranthene	22.863	252	53987	4.78	ng	#	96
90) Benzo(a)pyrene	23.410	252	48916	4.61	ng		99
91) Dibenzo(a,h)anthracene	25.862	278	48552	4.31	ng		96
92) Benzo(g,h,i)perylene	26.568	276	47315	4.36	ng		96

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

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