Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020521\
Data File : BP004682.D
Acq On : 05 Feb 2021 16:24
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 05 17:20:36 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 :
SSTDICC060

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	54460	20.00	ng		0.00
21) Naphthalene-d8	10.569	136	196480	20.00	ng		# 0.00
39) Acenaphthene-d10	14.422	164	124374	20.00	ng		0.00
64) Phenanthrene-d10	17.175	188	265068	20.00	ng		# 0.00
76) Chrysene-d12	21.263	240	274871	20.00	ng		# 0.00
86) Perylene-d12	23.569	264	270675	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	412860	132.13	ng		0.00
7) Phenol-d6	6.946	99	577665	134.98	ng		0.00
23) Nitrobenzene-d5	8.934	82	559844	161.09	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	203159	93.95	ng		0.00
45) 2-Fluorobiphenyl	13.046	172	1218038	127.31	ng		0.00
79) Terphenyl-d14	19.739	244	2018629	134.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	85638	67.80	ng	#	93
3) Pyridine	3.681	79	232404m	68.66	ng		
4) n-Nitrosodimethylamine	3.593	42	96171	89.87	ng	#	61
6) Aniline	7.105	93	320798	65.89	ng	#	87
8) 2-Chlorophenol	7.340	128	215503	60.74	ng		86
9) Benzaldehyde	6.917	77	107189	50.80	ng	#	82
10) Phenol	6.969	94	272900	66.51	ng		76
11) bis(2-Chloroethyl)ether	7.205	93	206663	62.93	ng		92
12) 1,3-Dichlorobenzene	7.664	146	258021	58.81	ng	#	91
13) 1,4-Dichlorobenzene	7.811	146	263677	59.41	ng	#	95
14) 1,2-Dichlorobenzene	8.128	146	248655	58.67	ng	#	93
15) Benzyl Alcohol	8.016	79	221409	79.85	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.311	45	167982	48.23	ng		94
17) 2-Methylphenol	8.216	107	186509	64.42	ng	#	90
18) Hexachloroethane	8.852	117	101217	65.99	ng		87
19) n-Nitroso-di-n-propyla...	8.587	70	176042	73.34	ng	#	89
20) 3+4-Methylphenols	8.546	107	253827	64.25	ng		91
22) Acetophenone	8.599	105	350440	72.26	ng	#	91
24) Nitrobenzene	8.975	77	269727	79.32	ng	#	80
25) Isophorone	9.499	82	444915	70.99	ng	#	91
26) 2-Nitrophenol	9.681	139	114360	61.01	ng	#	64
27) 2,4-Dimethylphenol	9.746	122	170222	65.57	ng		87
28) bis(2-Chloroethoxy)met...	9.987	93	278617	64.79	ng		98
29) 2,4-Dichlorophenol	10.216	162	206115	59.78	ng		94
30) 1,2,4-Trichlorobenzene	10.434	180	245695	59.24	ng		99
31) Naphthalene	10.622	128	681558	63.16	ng		100
32) Benzoic acid	9.899	122	145230	77.29	ng	#	64
33) 4-Chloroaniline	10.728	127	289369	62.09	ng	#	86
34) Hexachlorobutadiene	10.905	225	164873	59.15	ng		99
35) Caprolactam	11.516	113	68264	62.01	ng	#	77
36) 4-Chloro-3-methylphenol	11.857	107	240416	73.24	ng	#	83
37) 2-Methylnaphthalene	12.234	142	485763	61.23	ng	#	94
38) 1-Methylnaphthalene	12.457	142	454884	60.39	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.604	216	268593	60.12	ng	#	98
41) Hexachlorocyclopentadiene	12.587	237	156699	98.22	ng		99
43) 2,4,6-Trichlorophenol	12.846	196	175679	60.41	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	182215	60.30	ng	#	94
46) 1,1'-Biphenyl	13.251	154	620491	62.41	ng		99
47) 2-Chloronaphthalene	13.293	162	514299	62.50	ng		95
48) 2-Nitroaniline	13.499	65	164074	86.22	ng	#	61
49) Acenaphthylene	14.146	152	763820	62.13	ng		100
50) Dimethylphthalate	13.887	163	652711	63.33	ng		99
51) 2,6-Dinitrotoluene	13.998	165	136452	62.10	ng	#	55
52) Acenaphthene	14.487	154	473686	63.21	ng		99
53) 3-Nitroaniline	14.328	138	144487	60.42	ng	#	66
54) 2,4-Dinitrophenol	14.534	184	85008	85.73	ng	#	81
55) Dibenzofuran	14.822	168	740336	61.01	ng		94
56) 4-Nitrophenol	14.634	139	114924	69.23	ng	#	43
57) 2,4-Dinitrotoluene	14.787	165	192026	63.93	ng	#	62
58) Fluorene	15.475	166	618746	63.86	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	172117	60.68	ng	#	97
60) Diethylphthalate	15.257	149	654012	64.89	ng		100
61) 4-Chlorophenyl-phenyle...	15.469	204	340349	62.16	ng		96
62) 4-Nitroaniline	15.498	138	160342	63.48	ng	#	58
63) Azobenzene	15.763	77	616152	80.74	ng		83
65) 4,6-Dinitro-2-methylph...	15.551	198	108252	70.11	ng		84
66) n-Nitrosodiphenylamine	15.687	169	530321	64.54	ng		100
67) 4-Bromophenyl-phenylether	16.369	248	208228	58.78	ng	#	92
68) Hexachlorobenzene	16.475	284	224091	52.95	ng	#	88
69) Atrazine	16.640	200	174128	60.24	ng		98
70) Pentachlorophenol	16.822	266	137200	72.25	ng		99
71) Phenanthrene	17.216	178	974681	64.14	ng		99
72) Anthracene	17.310	178	952280	64.67	ng		99
73) Carbazole	17.581	167	872580	63.57	ng		98
74) Di-n-butylphthalate	18.139	149	1126957	67.94	ng	#	98
75) Fluoranthene	19.186	202	1164423	62.97	ng		99
78) Pyrene	19.539	202	1184924	63.35	ng		100
80) Butylbenzylphthalate	20.416	149	500312	66.14	ng	#	81
81) Benzo(a)anthracene	21.245	228	1182472	63.24	ng		99
82) 3,3'-Dichlorobenzidine	21.180	252	387438	57.49	ng		100
83) Chrysene	21.298	228	1138274	63.96	ng		99
84) Bis(2-ethylhexyl)phtha...	21.175	149	745727	69.04	ng		99
85) Di-n-octyl phthalate	22.075	149	1203123	65.59	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.951	276	1315729	62.99	ng		96
88) Benzo(b)fluoranthene	22.869	252	1180235	67.37	ng		99
89) Benzo(k)fluoranthene	22.916	252	1151897	68.94	ng		98
90) Benzo(a)pyrene	23.469	252	1083384	66.30	ng	#	98
91) Dibenzo(a,h)anthracene	25.963	278	1093350	63.43	ng	#	97
92) Benzo(g,h,i)perylene	26.674	276	1040785	61.31	ng		96

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

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