Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004503.D
Acq On : 12 Jan 2021 13:30
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 12 14:35:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 12:59:31 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	7.816	152	203447	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	754262	20.00	ng		# 0.00
39) Acenaphthene-d10	14.469	164	490592	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	1098345	20.00	ng		0.00
76) Chrysene-d12	21.322	240	1130080	20.00	ng		0.00
86) Perylene-d12	23.674	264	1289751	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1423256	114.63	ng		0.00
7) Phenol-d6	6.993	99	1937614	110.85	ng		0.00
23) Nitrobenzene-d5	8.975	82	1700281	107.16	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	1120741	171.21	ng		0.00
45) 2-Fluorobiphenyl	13.087	172	4703565	121.51	ng		0.00
79) Terphenyl-d14	19.792	244	7381703	125.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	281914	47.90	ng		93
3) Pyridine	3.723	79	784104m	49.11	ng		
4) n-Nitrosodimethylamine	3.640	42	248439	48.20	ng		89
6) Aniline	7.146	93	1110429	55.11	ng		95
8) 2-Chlorophenol	7.381	128	812772	61.32	ng		94
9) Benzaldehyde	6.958	77	403199	37.00	ng		91
10) Phenol	7.016	94	934177	54.08	ng		96
11) bis(2-Chloroethyl)ether	7.240	93	748425	52.10	ng		95
12) 1,3-Dichlorobenzene	7.705	146	996887	58.37	ng		98
13) 1,4-Dichlorobenzene	7.852	146	1009254	58.70	ng		99
14) 1,2-Dichlorobenzene	8.169	146	950473	58.35	ng		99
15) Benzyl Alcohol	8.052	79	651752	59.98	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.340	45	777123	42.42	ng		94
17) 2-Methylphenol	8.258	107	663885	60.26	ng		98
18) Hexachloroethane	8.893	117	348128	55.93	ng		93
19) n-Nitroso-di-n-propyla...	8.622	70	534098	51.66	ng		94
20) 3+4-Methylphenols	8.593	107	904976	61.83	ng		97
22) Acetophenone	8.634	105	1169836	57.47	ng	#	96
24) Nitrobenzene	9.016	77	825646	52.82	ng		91
25) Isophorone	9.540	82	1509513	57.88	ng		96
26) 2-Nitrophenol	9.728	139	477381	84.44	ng		93
27) 2,4-Dimethylphenol	9.793	122	637916	64.82	ng		97
28) bis(2-Chloroethoxy)met...	10.022	93	1032257	55.62	ng		99
29) 2,4-Dichlorophenol	10.263	162	862906	74.62	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	1012227	65.45	ng		98
31) Naphthalene	10.663	128	2612915	60.96	ng		100
32) Benzoic acid	9.963	122	567530	98.84	ng		91
33) 4-Chloroaniline	10.775	127	1132856	65.44	ng		97
34) Hexachlorobutadiene	10.946	225	688266	71.02	ng		98
35) Caprolactam	11.563	113	267175	70.32	ng	#	77
36) 4-Chloro-3-methylphenol	11.910	107	806003	69.46	ng		100
37) 2-Methylnaphthalene	12.281	142	1929348	64.41	ng		100
38) 1-Methylnaphthalene	12.499	142	1821631	64.09	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	1145337	64.55	ng		98
41) Hexachlorocyclopentadiene	12.628	237	518130	58.23	ng		98
43) 2,4,6-Trichlorophenol	12.893	196	762566	77.28	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	791387	74.17	ng		98
46) 1,1'-Biphenyl	13.293	154	2477955	59.78	ng		99
47) 2-Chloronaphthalene	13.340	162	2066936	60.77	ng		97
48) 2-Nitroaniline	13.546	65	487229	55.78	ng		87
49) Acenaphthylene	14.187	152	3061479	61.17	ng		99
50) Dimethylphthalate	13.928	163	2542872	62.99	ng		99
51) 2,6-Dinitrotoluene	14.046	165	564442	66.52	ng		96
52) Acenaphthene	14.534	154	1868860	59.86	ng		98
53) 3-Nitroaniline	14.375	138	618698	66.56	ng		93
54) 2,4-Dinitrophenol	14.593	184	326909	95.49	ng		95
55) Dibenzofuran	14.869	168	2995965	60.64	ng		98
56) 4-Nitrophenol	14.693	139	450958	64.82	ng		90
57) 2,4-Dinitrotoluene	14.845	165	782983	70.11	ng		94
58) Fluorene	15.522	166	2370740	61.13	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	744897	75.83	ng	#	90
60) Diethylphthalate	15.293	149	2492206	64.36	ng		97
61) 4-Chlorophenyl-phenyle...	15.516	204	1362788	64.56	ng		92
62) 4-Nitroaniline	15.545	138	645660	66.57	ng		94
63) Azobenzene	15.810	77	1873385	50.80	ng		97
65) 4,6-Dinitro-2-methylph...	15.616	198	442272	88.44	ng		94
66) n-Nitrosodiphenylamine	15.734	169	2128950	61.50	ng		99
67) 4-Bromophenyl-phenylether	16.416	248	943641	68.93	ng		93
68) Hexachlorobenzene	16.534	284	1115103	68.28	ng		94
69) Atrazine	16.687	200	737077	65.81	ng		98
70) Pentachlorophenol	16.881	266	537098	69.38	ng		94
71) Phenanthrene	17.269	178	3899039	59.04	ng		99
72) Anthracene	17.363	178	3780825	60.61	ng		100
73) Carbazole	17.634	167	3521496	60.95	ng		99
74) Di-n-butylphthalate	18.186	149	4236707	67.61	ng		99
75) Fluoranthene	19.245	202	4720431	62.23	ng		99
77) Benzidine	19.422	184	1790041	91.54	ng		100
78) Pyrene	19.598	202	4786615	62.15	ng		99
80) Butylbenzylphthalate	20.469	149	1948903	78.96	ng	#	95
81) Benzo(a)anthracene	21.310	228	4804377	61.91	ng		99
82) 3,3'-Dichlorobenzidine	21.239	252	1730877	78.75	ng	#	97
83) Chrysene	21.363	228	4552071	60.89	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	2753596	72.47	ng	#	97
85) Di-n-octyl phthalate	22.133	149	4734331	80.27	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.115	276	6245576	63.34	ng	#	95
88) Benzo(b)fluoranthene	22.969	252	5105602	60.07	ng		98
89) Benzo(k)fluoranthene	23.016	252	5062550	59.99	ng	#	98
90) Benzo(a)pyrene	23.580	252	4857295	62.69	ng		98
91) Dibenzo(a,h)anthracene	26.121	278	5124931	63.22	ng	#	97
92) Benzo(g,h,i)perylene	26.857	276	5126531	64.77	ng	#	95

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

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