Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121120\
Data File : BP004222.D
Acq On : 11 Dec 2020 10:36
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 11 12:43:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 12:39:37 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
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12/14/2020 2:43:23 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	332340	20.00	ng		0.00
21) Naphthalene-d8	10.622	136	1304100	20.00	ng	#	0.00
39) Acenaphthene-d10	14.475	164	766171	20.00	ng		0.00
64) Phenanthrene-d10	17.234	188	1628961	20.00	ng	#	0.00
76) Chrysene-d12	21.322	240	1807288	20.00	ng		0.00
86) Perylene-d12	23.669	264	1840366	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.417	112	436460	21.92	ng		0.00
7) Phenol-d6	6.987	99	624575	21.85	ng		0.00
23) Nitrobenzene-d5	8.981	82	593285	22.28	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	185809	19.39	ng		0.00
45) 2-Fluorobiphenyl	13.093	172	1391966	25.40	ng		0.00
79) Terphenyl-d14	19.798	244	2169213	23.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	109367	12.73	ng	#	83
3) Pyridine	3.752	79	291894	11.58	ng		89
4) n-Nitrosodimethylamine	3.664	42	92050	7.94	ng	#	77
6) Aniline	7.158	93	354983	10.94	ng		93
8) 2-Chlorophenol	7.393	128	238925	11.30	ng		86
9) Benzaldehyde	6.969	77	211353	14.57	ng		83
10) Phenol	7.016	94	310535	11.26	ng		94
11) bis(2-Chloroethyl)ether	7.258	93	265570	11.98	ng		88
12) 1,3-Dichlorobenzene	7.722	146	319685	12.34	ng	#	96
13) 1,4-Dichlorobenzene	7.869	146	318547	12.19	ng		97
14) 1,2-Dichlorobenzene	8.181	146	305428	12.24	ng		96
15) Benzyl Alcohol	8.063	79	180471	9.12	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.363	45	345046	9.24	ng		88
17) 2-Methylphenol	8.263	107	191581	10.58	ng		97
18) Hexachloroethane	8.910	117	113936	12.27	ng		94
19) n-Nitroso-di-n-propyla...	8.634	70	188163	11.01	ng	#	87
20) 3+4-Methylphenols	8.593	107	249109	10.30	ng		98
22) Acetophenone	8.646	105	386033	11.03	ng	#	91
24) Nitrobenzene	9.028	77	295528	11.17	ng	#	83
25) Isophorone	9.546	82	460557	10.18	ng	#	90
26) 2-Nitrophenol	9.740	139	83428	8.07	ng	#	86
27) 2,4-Dimethylphenol	9.799	122	174427	10.12	ng		96
28) bis(2-Chloroethoxy)met...	10.034	93	346159	11.15	ng		98
29) 2,4-Dichlorophenol	10.269	162	193002	9.29	ng		96
30) 1,2,4-Trichlorobenzene	10.487	180	292763	11.57	ng		98
31) Naphthalene	10.675	128	818873	11.70	ng		100
32) Benzoic acid	9.863	122	59806	5.70	ng		88
33) 4-Chloroaniline	10.781	127	306791	10.32	ng	#	93
34) Hexachlorobutadiene	10.969	225	179748	10.89	ng		98
35) Caprolactam	11.522	113	53425	8.32	ng	#	46
36) 4-Chloro-3-methylphenol	11.904	107	192069	8.57	ng		95
37) 2-Methylnaphthalene	12.287	142	566985	11.32	ng		99
38) 1-Methylnaphthalene	12.510	142	539538	11.30	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	304631	12.01	ng		99
41) Hexachlorocyclopentadiene	12.646	237	140116	10.95	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	143613	9.16	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.963	196	161632	9.79	ng		96
46)	1,1'-Biphenyl	13.304	154	725210	12.19	ng		97
47)	2-Chloronaphthalene	13.346	162	594727	12.19	ng		99
48)	2-Nitroaniline	13.546	65	127578	8.76	ng	#	69
49)	Acenaphthylene	14.193	152	851779	11.89	ng		99
50)	Dimethylphthalate	13.928	163	681741	11.38	ng		99
51)	2,6-Dinitrotoluene	14.040	165	138425	11.26	ng	#	72
52)	Acenaphthene	14.540	154	540836m	11.33	ng		
53)	3-Nitroaniline	14.369	138	141630	10.41	ng	#	71
54)	2,4-Dinitrophenol	14.575	184	38910	7.36	ng	#	91
55)	Dibenzofuran	14.875	168	865170	12.20	ng		99
56)	4-Nitrophenol	14.669	139	90168	9.20	ng	#	76
57)	2,4-Dinitrotoluene	14.834	165	167241	10.14	ng	#	76
58)	Fluorene	15.528	166	674341	11.87	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.098	232	147278	9.90	ng		98
60)	Diethylphthalate	15.304	149	635815	10.84	ng		98
61)	4-Chlorophenyl-phenyle...	15.522	204	365864	11.79	ng		96
62)	4-Nitroaniline	15.534	138	150211	10.59	ng		90
63)	Azobenzene	15.816	77	628421	11.35	ng		88
65)	4,6-Dinitro-2-methylph...	15.592	198	56698	7.11	ng		84
66)	n-Nitrosodiphenylamine	15.740	169	561824	11.27	ng		99
67)	4-Bromophenyl-phenylether	16.422	248	218270	11.45	ng		98
68)	Hexachlorobenzene	16.534	284	264760	12.17	ng		96
69)	Atrazine	16.692	200	165151	10.09	ng		99
70)	Pentachlorophenol	16.875	266	91561	8.80	ng		97
71)	Phenanthrene	17.275	178	1101373	12.05	ng		99
72)	Anthracene	17.363	178	1017430	11.52	ng		99
73)	Carbazole	17.634	167	926001	11.30	ng		99
74)	Di-n-butylphthalate	18.198	149	904579	9.54	ng		99
75)	Fluoranthene	19.245	202	1227926	11.64	ng		98
77)	Benzidine	19.422	184	202173	4.74	ng		97
78)	Pyrene	19.598	202	1310441	10.68	ng		99
80)	Butylbenzylphthalate	20.480	149	307032	6.72	ng	#	85
81)	Benzo(a)anthracene	21.304	228	1369618	11.49	ng		99
82)	3,3'-Dichlorobenzidine	21.239	252	309463	7.53	ng		99
83)	Chrysene	21.357	228	1318614	11.52	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.245	149	528850	7.85	ng		99
85)	Di-n-octyl phthalate	22.151	149	759789	6.77	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	26.080	276	1464913	11.03	ng		99
88)	Benzo(b)fluoranthene	22.957	252	1288988	10.70	ng		99
89)	Benzo(k)fluoranthene	23.004	252	1327286	11.16	ng		100
90)	Benzo(a)pyrene	23.563	252	1144225	10.26	ng		99
91)	Dibenzo(a,h)anthracene	26.098	278	1224179	11.06	ng		100
92)	Benzo(g,h,i)perylene	26.810	276	1183825	11.05	ng		100

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

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