Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004132.D
Acq On : 03 Dec 2020 16:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 18:00:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 11:39:42 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/7/2020 8:53:42 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.193	152	131183	20.00	ng		0.00
21) Naphthalene-d8	11.022	136	462737	20.00	ng	#	0.00
39) Acenaphthene-d10	14.822	164	273844	20.00	ng		0.00
64) Phenanthrene-d10	17.557	188	556080	20.00	ng	#	0.00
76) Chrysene-d12	21.604	240	541522	20.00	ng		0.00
86) Perylene-d12	24.039	264	558017	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.734	112	660720	84.06	ng		0.00
7) Phenol-d6	7.381	99	886004	78.52	ng		0.00
23) Nitrobenzene-d5	9.358	82	763237	80.78	ng		0.00
42) 2,4,6-Tribromophenol	16.310	330	274663	80.19	ng		0.00
45) 2-Fluorobiphenyl	13.446	172	1622403	82.83	ng		0.00
79) Terphenyl-d14	20.069	244	2280324	81.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	139264	41.07	ng	#	62
3) Pyridine	3.870	79	389354	39.15	ng	#	60
4) n-Nitrosodimethylamine	3.770	42	186552	40.74	ng	#	54
6) Aniline	7.505	93	501358	39.13	ng	#	85
8) 2-Chlorophenol	7.769	128	336381	40.31	ng	#	80
9) Benzaldehyde	7.305	77	187074	35.95	ng	#	80
10) Phenol	7.405	94	423977	38.94	ng		82
11) bis(2-Chloroethyl)ether	7.587	93	341856	39.06	ng	#	78
12) 1,3-Dichlorobenzene	8.087	146	413611	40.44	ng	#	94
13) 1,4-Dichlorobenzene	8.228	146	416714	40.42	ng		96
14) 1,2-Dichlorobenzene	8.564	146	393527	39.96	ng		97
15) Benzyl Alcohol	8.434	79	302810	38.75	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.722	45	561243	38.08	ng		81
17) 2-Methylphenol	8.664	107	277781	38.86	ng	#	93
18) Hexachloroethane	9.299	117	154461	42.15	ng		97
19) n-Nitroso-di-n-propyla...	8.999	70	256901	38.09	ng	#	76
20) 3+4-Methylphenols	8.993	107	369655	38.74	ng		91
22) Acetophenone	9.016	105	497612	40.06	ng	#	84
24) Nitrobenzene	9.399	77	388943	41.42	ng	#	80
25) Isophorone	9.922	82	652238	40.64	ng	#	89
26) 2-Nitrophenol	10.128	139	177779	48.49	ng	#	75
27) 2,4-Dimethylphenol	10.199	122	247789	40.52	ng		93
28) bis(2-Chloroethoxy)met...	10.399	93	436610	39.65	ng		97
29) 2,4-Dichlorophenol	10.687	162	308763	41.90	ng		95
30) 1,2,4-Trichlorobenzene	10.887	180	373174	41.56	ng		98
31) Naphthalene	11.069	128	1002190	40.36	ng		100
32) Benzoic acid	10.375	122	119698	31.36	ng	#	80
33) 4-Chloroaniline	11.169	127	413709	39.20	ng	#	89
34) Hexachlorobutadiene	11.381	225	246828	42.15	ng		100
35) Caprolactam	11.910	113	92663	40.67	ng	#	15
36) 4-Chloro-3-methylphenol	12.310	107	315500	39.66	ng		89
37) 2-Methylnaphthalene	12.663	142	692268	38.96	ng		98
38) 1-Methylnaphthalene	12.881	142	658776	38.87	ng		98
40) 1,2,4,5-Tetrachloroben...	13.046	216	379995	41.93	ng		99
41) Hexachlorocyclopentadiene	13.034	237	209594	45.84	ng		99
43) 2,4,6-Trichlorophenol	13.275	196	238902	42.64	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.363	196	241911	41.01	ng		95
46)	1,1'-Biphenyl	13.651	154	867743	40.82	ng		98
47)	2-Chloronaphthalene	13.704	162	719512	41.25	ng		99
48)	2-Nitroaniline	13.893	65	237320	45.60	ng	#	57
49)	Acenaphthylene	14.546	152	1049032	40.96	ng		100
50)	Dimethylphthalate	14.257	163	855624	39.97	ng		100
51)	2,6-Dinitrotoluene	14.375	165	187736	42.74	ng	#	75
52)	Acenaphthene	14.887	154	688483m	40.35	ng		
53)	3-Nitroaniline	14.710	138	202195	41.59	ng	#	75
54)	2,4-Dinitrophenol	14.928	184	72281	38.66	ng	#	83
55)	Dibenzofuran	15.216	168	1017780	40.15	ng		99
56)	4-Nitrophenol	15.051	139	129227	36.88	ng	#	58
57)	2,4-Dinitrotoluene	15.169	165	258382	43.82	ng	#	76
58)	Fluorene	15.863	166	807750	39.79	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.463	232	206981	38.92	ng		97
60)	Diethylphthalate	15.610	149	838669	40.02	ng		99
61)	4-Chlorophenyl-phenyle...	15.845	204	441611	39.81	ng		97
62)	4-Nitroaniline	15.869	138	215835	42.59	ng		87
63)	Azobenzene	16.134	77	784534	39.65	ng		84
65)	4,6-Dinitro-2-methylph...	15.951	198	123868	42.25	ng	#	81
66)	n-Nitrosodiphenylamine	16.057	169	698656	41.04	ng		98
67)	4-Bromophenyl-phenylether	16.734	248	269409	41.41	ng		97
68)	Hexachlorobenzene	16.898	284	300524	40.48	ng		96
69)	Atrazine	16.992	200	222197	39.76	ng		98
70)	Pentachlorophenol	17.240	266	126249	35.55	ng		98
71)	Phenanthrene	17.604	178	1258094	40.31	ng		99
72)	Anthracene	17.692	178	1236573	41.03	ng		98
73)	Carbazole	17.951	167	1148629	41.08	ng		99
74)	Di-n-butylphthalate	18.469	149	1414781	43.70	ng		99
75)	Fluoranthene	19.545	202	1471508	40.86	ng		100
77)	Benzidine	19.692	184	476668	37.32	ng		99
78)	Pyrene	19.892	202	1511136	41.12	ng		98
80)	Butylbenzylphthalate	20.716	149	649753	47.45	ng	#	87
81)	Benzo(a)anthracene	21.586	228	1457912	40.83	ng		98
82)	3,3'-Dichlorobenzidine	21.498	252	506877	41.15	ng		98
83)	Chrysene	21.639	228	1404493	40.93	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.463	149	923175	45.74	ng		99
85)	Di-n-octyl phthalate	22.380	149	1563693	46.50	ng	#	86
87)	Indeno(1,2,3-cd)pyrene	26.563	276	1613275	40.08	ng		99
88)	Benzo(b)fluoranthene	23.298	252	1435137	39.30	ng		100
89)	Benzo(k)fluoranthene	23.345	252	1416241	39.28	ng		100
90)	Benzo(a)pyrene	23.933	252	1340022	39.64	ng		99
91)	Dibenzo(a,h)anthracene	26.557	278	1339555	39.92	ng		99
92)	Benzo(g,h,i)perylene	27.333	276	1305607	40.20	ng		98

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

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