Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
Data File : BP004139.D
Acq On : 03 Dec 2020 20:51
Operator : CG/JU
Sample : L4911-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SK-12-1-SPAMSD

Manual Integrations APPROVED
mohammad
12/7/2020 8:53:56 AM

Quant Time: Dec 04 00:13:38 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.193	152	164828	20.00	ng		0.00
21) Naphthalene-d8	11.022	136	605145	20.00	ng		# 0.00
39) Acenaphthene-d10	14.822	164	328970	20.00	ng		0.00
64) Phenanthrene-d10	17.563	188	615989	20.00	ng		# 0.00
76) Chrysene-d12	21.604	240	506140	20.00	ng		0.00
86) Perylene-d12	24.039	264	530790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.734	112	865462	87.63	ng		0.00
7) Phenol-d6	7.381	99	1087814	76.73	ng		0.00
23) Nitrobenzene-d5	9.357	82	680871	55.10	ng		0.00
42) 2,4,6-Tribromophenol	16.316	330	319297	77.60	ng		0.00
45) 2-Fluorobiphenyl	13.445	172	1281902	54.48	ng		0.00
79) Terphenyl-d14	20.063	244	1251151	47.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	177495	41.66	ng	#	61
3) Pyridine	3.869	79	516795	41.35	ng	#	63
4) n-Nitrosodimethylamine	3.769	42	277229	48.19	ng	#	54
6) Aniline	7.505	93	510496	31.71	ng	#	83
8) 2-Chlorophenol	7.769	128	523273	49.90	ng	#	81
9) Benzaldehyde	7.299	77	318190	55.20	ng	#	79
10) Phenol	7.410	94	696968	50.95	ng		84
11) bis(2-Chloroethyl)ether	7.587	93	521867	47.46	ng	#	80
12) 1,3-Dichlorobenzene	8.087	146	609572	47.44	ng	#	94
13) 1,4-Dichlorobenzene	8.228	146	616804	47.61	ng		97
14) 1,2-Dichlorobenzene	8.563	146	585483	47.31	ng		97
15) Benzyl Alcohol	8.434	79	467645	47.62	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.722	45	812960	43.90	ng		81
17) 2-Methylphenol	8.669	107	425338	47.35	ng	#	94
18) Hexachloroethane	9.299	117	227021	49.31	ng		98
19) n-Nitroso-di-n-propyla...	9.004	70	388300	45.83	ng	#	76
20) 3+4-Methylphenols	8.999	107	556268	46.39	ng	#	84
22) Acetophenone	9.016	105	755221	46.50	ng	#	84
24) Nitrobenzene	9.404	77	587833	47.87	ng	#	83
25) Isophorone	9.928	82	1011202	48.18	ng	#	91
26) 2-Nitrophenol	10.128	139	277801	57.94	ng	#	77
27) 2,4-Dimethylphenol	10.198	122	439615	54.97	ng		93
28) bis(2-Chloroethoxy)met...	10.399	93	632932	43.95	ng		98
29) 2,4-Dichlorophenol	10.687	162	463871	48.13	ng		95
30) 1,2,4-Trichlorobenzene	10.893	180	542756	46.23	ng		97
31) Naphthalene	11.069	128	1513633	46.61	ng		100
32) Benzoic acid	10.387	122	196872	37.30	ng	#	79
33) 4-Chloroaniline	11.169	127	237826	17.23	ng	#	89
34) Hexachlorobutadiene	11.381	225	350061	45.71	ng		99
35) Caprolactam	11.928	113	129993	43.62	ng	#	21
36) 4-Chloro-3-methylphenol	12.316	107	467090	44.90	ng		89
37) 2-Methylnaphthalene	12.663	142	1045992	45.01	ng		98
38) 1-Methylnaphthalene	12.881	142	957634	43.20	ng		99
40) 1,2,4,5-Tetrachloroben...	13.045	216	557016	51.16	ng		99
41) Hexachlorocyclopentadiene	13.034	237	530329	96.55	ng		99
43) 2,4,6-Trichlorophenol	13.281	196	340039	50.52	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.363	196	351896	49.66	ng		97
46) 1,1'-Biphenyl	13.657	154	1259458	49.32	ng		98
47) 2-Chloronaphthalene	13.704	162	998917	47.67	ng		99
48) 2-Nitroaniline	13.892	65	299667	47.93	ng	#	60
49) Acenaphthylene	14.545	152	1497974	48.69	ng		99
50) Dimethylphthalate	14.257	163	1224152	47.61	ng		99
51) 2,6-Dinitrotoluene	14.375	165	260897	49.45	ng	#	72
52) Acenaphthene	14.886	154	1038886m	50.69	ng		
53) 3-Nitroaniline	14.710	138	138298	23.68	ng	#	73
54) 2,4-Dinitrophenol	14.928	184	237499	80.18	ng	#	84
55) Dibenzofuran	15.222	168	1416851	46.53	ng		100
56) 4-Nitrophenol	15.057	139	364018	86.48	ng	#	65
57) 2,4-Dinitrotoluene	15.175	165	344920	48.69	ng	#	78
58) Fluorene	15.869	166	1118815	45.88	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.463	232	289637	45.34	ng		96
60) Diethylphthalate	15.616	149	1122198	44.57	ng		98
61) 4-Chlorophenyl-phenyle...	15.845	204	594677	44.63	ng		96
62) 4-Nitroaniline	15.875	138	229394	37.68	ng		89
63) Azobenzene	16.139	77	1071775	45.08	ng		86
65) 4,6-Dinitro-2-methylph...	15.951	198	177749	52.86	ng	#	78
66) n-Nitrosodiphenylamine	16.057	169	964975	51.17	ng		97
67) 4-Bromophenyl-phenylether	16.739	248	352995	48.98	ng		99
68) Hexachlorobenzene	16.904	284	382665	46.53	ng		98
69) Atrazine	16.992	200	282505	45.63	ng		100
70) Pentachlorophenol	17.239	266	336368	85.50	ng		97
71) Phenanthrene	17.604	178	1672483	48.38	ng		99
72) Anthracene	17.692	178	1693659	50.72	ng		99
73) Carbazole	17.951	167	1448826	46.77	ng		98
74) Di-n-butylphthalate	18.469	149	1747494	48.73	ng		99
75) Fluoranthene	19.545	202	1952997	48.96	ng		99
77) Benzidine	19.692	184	662787	55.52	ng		99
78) Pyrene	19.892	202	1970618	57.37	ng		99
80) Butylbenzylphthalate	20.716	149	722340	56.44	ng	#	85
81) Benzo(a)anthracene	21.586	228	1709875	51.23	ng		99
82) 3,3'-Dichlorobenzidine	21.498	252	468064	40.65	ng		98
83) Chrysene	21.639	228	1660772	51.79	ng		98
84) Bis(2-ethylhexyl)phtha...	21.463	149	1124286	59.60	ng		100
85) Di-n-octyl phthalate	22.380	149	1757776	55.93	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.568	276	1933271	50.49	ng		99
88) Benzo(b)fluoranthene	23.304	252	1726246	49.70	ng		99
89) Benzo(k)fluoranthene	23.345	252	1665528	48.56	ng		99
90) Benzo(a)pyrene	23.939	252	1537853	47.83	ng		100
91) Dibenzo(a,h)anthracene	26.556	278	1596683	50.02	ng		99
92) Benzo(g,h,i)perylene	27.339	276	1633782	52.88	ng		98

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

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