Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111320\
Data File : BP003960.D
Acq On : 13 Nov 2020 18:24
Operator : CG/JU
Sample : L4719-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-SMS

Quant Time: Nov 16 08:19:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	126393	20.00	ng	0.00
21) Naphthalene-d8	11.116	136	478388	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	285336	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	568436	20.00	ng	# 0.00
76) Chrysene-d12	21.675	240	500353	20.00	ng	0.00
86) Perylene-d12	24.157	264	522507	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	917141	121.11	ng	0.00
7) Phenol-d6	7.452	99	1093806	100.62	ng	0.00
23) Nitrobenzene-d5	9.446	82	829200	84.89	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	454598	127.38	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1698073	83.20	ng	0.00
79) Terphenyl-d14	20.139	244	2163699	83.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	134101	41.04	ng	# 1
3) Pyridine	3.940	79	392497	40.96	ng	# 57
4) n-Nitrosodimethylamine	3.834	42	224677	50.93	ng	# 50
6) Aniline	7.587	93	249599	20.22	ng	# 83
8) 2-Chlorophenol	7.852	128	444224	55.25	ng	# 79
9) Benzaldehyde	7.381	77	65454	10.16	ng	# 80
10) Phenol	7.481	94	501750	47.83	ng	82
11) bis(2-Chloroethyl)ether	7.669	93	449635	53.33	ng	# 81
12) 1,3-Dichlorobenzene	8.175	146	489903	49.72	ng	# 94
13) 1,4-Dichlorobenzene	8.316	146	498520	50.18	ng	96
14) 1,2-Dichlorobenzene	8.652	146	479618	50.55	ng	96
15) Benzyl Alcohol	8.516	79	428294	56.88	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.811	45	704813	49.63	ng	81
17) 2-Methylphenol	8.746	107	373594	54.24	ng	# 93
18) Hexachloroethane	9.393	117	185279	52.48	ng	96
19) n-Nitroso-di-n-propyla...	9.087	70	358956	55.25	ng	# 76
20) 3+4-Methylphenols	9.075	107	491278	53.43	ng	93
22) Acetophenone	9.105	105	684293	53.29	ng	# 85
24) Nitrobenzene	9.487	77	534039	55.01	ng	# 80
25) Isophorone	10.016	82	951163	57.33	ng	# 91
26) 2-Nitrophenol	10.216	139	245472	64.76	ng	# 73
27) 2,4-Dimethylphenol	10.281	122	406082	64.23	ng	90
28) bis(2-Chloroethoxy)met...	10.487	93	574365	50.45	ng	98
29) 2,4-Dichlorophenol	10.769	162	429098	56.32	ng	95
30) 1,2,4-Trichlorobenzene	10.981	180	472846	50.94	ng	99
31) Naphthalene	11.163	128	1368542	53.31	ng	100
32) Benzoic acid	10.428	122	88460	24.79	ng	# 74
33) 4-Chloroaniline	11.257	127	109921	10.08	ng	# 88
34) Hexachlorobutadiene	11.475	225	299371	49.45	ng	99
35) Caprolactam	11.999	113	107983	45.84	ng	# 10
36) 4-Chloro-3-methylphenol	12.387	107	461135	56.07	ng	90
37) 2-Methylnaphthalene	12.751	142	967232	52.65	ng	97
38) 1-Methylnaphthalene	12.969	142	901122	51.43	ng	97
40) 1,2,4,5-Tetrachloroben...	13.134	216	521516	55.23	ng	98
41) Hexachlorocyclopentadiene	13.122	237	570650	119.78	ng	98
43) 2,4,6-Trichlorophenol	13.357	196	336972	57.72	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	353318	57.48	ng	#	96
46) 1,1'-Biphenyl	13.740	154	1202292	54.28	ng		98
47) 2-Chloronaphthalene	13.787	162	944354	51.96	ng		98
48) 2-Nitroaniline	13.969	65	313511	57.81	ng	#	59
49) Acenaphthylene	14.628	152	1459238	54.68	ng		99
50) Dimethylphthalate	14.334	163	1366409	61.26	ng		99
51) 2,6-Dinitrotoluene	14.451	165	261826	57.21	ng	#	71
52) Acenaphthene	14.969	154	1006375	56.61	ng		98
53) 3-Nitroaniline	14.781	138	134983	26.65	ng	#	72
54) 2,4-Dinitrophenol	14.998	184	196161	77.50	ng	#	80
55) Dibenzofuran	15.298	168	1413401	53.51	ng		99
56) 4-Nitrophenol	15.116	139	353498	96.82	ng	#	63
57) 2,4-Dinitrotoluene	15.245	165	357230	58.14	ng	#	74
58) Fluorene	15.945	166	1124272	53.16	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.540	232	300793	54.29	ng		96
60) Diethylphthalate	15.687	149	1140145	52.21	ng		99
61) 4-Chlorophenyl-phenyle...	15.922	204	591002	51.13	ng		99
62) 4-Nitroaniline	15.945	138	254221	48.14	ng		84
63) Azobenzene	16.216	77	1106973	53.69	ng		84
65) 4,6-Dinitro-2-methylph...	16.022	198	168368	54.09	ng	#	77
66) n-Nitrosodiphenylamine	16.134	169	979549	56.29	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	353613	53.17	ng		96
68) Hexachlorobenzene	16.981	284	390046	51.40	ng		96
69) Atrazine	17.069	200	291126	50.96	ng		99
70) Pentachlorophenol	17.310	266	372609	102.64	ng		98
71) Phenanthrene	17.681	178	1698947	53.25	ng		99
72) Anthracene	17.769	178	1747391	56.71	ng		99
73) Carbazole	18.022	167	1564793	54.74	ng		99
74) Di-n-butylphthalate	18.539	149	1859735	56.20	ng	#	99
75) Fluoranthene	19.616	202	1935256	52.57	ng		99
77) Benzidine	19.763	184	567590	48.09	ng		100
78) Pyrene	19.963	202	1942526	57.21	ng		99
80) Butylbenzylphthalate	20.786	149	807342	63.81	ng	#	88
81) Benzo(a)anthracene	21.657	228	1805229	54.71	ng		98
82) 3,3'-Dichlorobenzidine	21.569	252	187759	16.50	ng		98
83) Chrysene	21.716	228	1719844	54.25	ng		99
84) Bis(2-ethylhexyl)phtha...	21.533	149	1156530	62.02	ng		99
85) Di-n-octyl phthalate	22.469	149	1998499	64.32	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.733	276	2024859	53.72	ng		99
88) Benzo(b)fluoranthene	23.404	252	1808728	52.90	ng		99
89) Benzo(k)fluoranthene	23.451	252	1728343	51.19	ng		99
90) Benzo(a)pyrene	24.051	252	1605239	50.71	ng		99
91) Dibenzo(a,h)anthracene	26.733	278	1711910	54.49	ng		98
92) Benzo(g,h,i)perylene	27.527	276	1713800	56.35	ng		97

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

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